NUMBERS & ODDITIES
a.k.a. the Spooks Newsletter
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EDITOR: Ary Boender email: ary@luna.nl

Check for previous newsletters, info, sound samples and databases also

NUMBERS & ODDITIES http://www.ary.luna.nl
http://www.numbersoddities.nl/index.htm

SPY NUMBERS ONLINE DATABASE http://www.spynumbers.com/numbersDB/

What do I have for you this month? Lots of SK01, M94, V24 logs and a huge amount of Russian military stuff. Further an intelligence profile of Romania and of course the usual numbers and utility items. I have listed the US pirate and experimental stations in the Utility Round-up. They are often reported on the UDXF forum.

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* VOICE STATIONS *

::: E03a

Cherry Ripe is still alive and kicking. After it's move from Guam to the navy transmitter site Humpty Doo near Darwin, Australia, the signal is pretty poor in Europe. It is probably transmitting towards Eastern Asia.

A couple of logs submitted by Mike and Eddy:
16525 kHz, 0500 UTC, 16-9
18864 kHz, 1328 UTC, 22-9
21866 kHz, 1328 UTC, 22-9
18465 kHz, 0505 UTC, 24-9
16525 kHz, 0505 UTC, 24-9
18864 kHz, 1220 UTC, 28-9

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::: E06

UDXF-y255 mailed the following transcript of an E06 broadcast.

14833 kHz, 0600 UTC, 18-9: 354 796 125 44845.....23838 796 125 00000
Comments: frequency may be inaccurate. +-2kHz.

Message details:
   354 796 125
   44845 48844 37650 35457 53146 14544 54115 18139 89626 13599
   27501 44841 75356 82129 13070 74936 74976 63270 77460 38731
   13549 53575 90421 05526 85712 15989 03802 75220 14084 11353
   28102 79456 27107 71476 20791 33834 87775 11748 21566 53526
   55563 37548 19110 72528 02331 54719 17030 34205 04281 44113
   81425 76030 43385 06265 85793 41626 63816 04365 11700 95566
   02927 11412 25283 06272 70216 51395 02265 58300 14333 00637
   53928 48442 33831 92982 ???29 ????? 19343 88823 ????? 338??
   80523 80569 ????? 179?? 13400 ????3 67289 91??? 38345 28828
   18031 55625 18132 76685 86687 15988 57034 57473 41071 50864
   07000 77277 91399 06287 06373 30886 64991 29036 06676 96738
   35921 54562 97045 00644 53208 25803 29391 74321 66977 31506
   57326 58275 55403 64739 23838
   796 125
   00000

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::: E11

E11 is pretty active as you can see in the logs section. GD provided this and other logs.

13908 kHz, 1850 UTC, 05-9-2009, E11a

   644/20
   38075 00364 87682 67416 13321 81499 18678 00506 49074 44493
   63441 24342 99662 51402 85513 96809 38923 91306 61309 26540

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::: G06

Another one from UDXF-y255. He heard G06 on 14 and 16-9.

4990 kHz, 1800 UTC, 14-9: 734 00000

5102 kHz, 1100 UTC, 16-9: Two G06 stations transmit simultaneously on this frequency. Sounds like one station transmits "0123" and the other "256". Then "0123" stopped and "256" continued for about 20-30 sec. No messages or five zeroes at the end or between the call signs.

5435 kHz, 1300 UTC, 16-9: 734 00000

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::: S06

Richard reports an unusual S06 broadcast.

9220 kHz, 1900 UTC, 23-9-2009 and 8270 kHz, 1913 UTC, 23-9-2009:
Most unusual message tonight from S06 slow (YL) with a stutter group (444).

```
   371 444 20
   98487 32745 26789 21987 23423 45678 34267 65478 45879 49826
   67543 34552 66833 09234 67890 56432 87900 41123 83267 90046
   444 20
   00000

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::: V21

Westli reported an unid station on 6416 kHz; possibly the Cuban Babbler. If so than it was on an odd frequency as it's usually on 6529 kHz.

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::: V24

Both Korean stations V24 and M94 are quite active. T! compiled the transmission times and created a website with this information.

He writes: "My web skills are a tad on the wanting side, so the pages basically only contain the information needed without anything fancy. The V24 page does link to audio files of each section of the V24 transmission as well as a couple full-length transmissions. The M94 page has no audio at this time, but should eventually.

Each page has a schedule of only that emitters time. On the V24 page you see only V24, on the M94 page you see only M94. But, the combined schedule shows both on the same page. The combined schedule is interesting because you can see there are no scheduling conflicts, V24 never transmits at the same time as M94. This schedule is a snap shot for the two-month period ending 1 June, 2009. If you go back far enough in the database you will see that times and slots have changed, so that a one year long schedule might show "conflicts" in times. The observed reality is that this pair of emitters operates one at a time with no overlaps or simultaneous transmissions."

URLs:

V24 page http://home.mchsi.com/~token_radio/numbers_station_v24.htm
M94 page http://home.mchsi.com/~token_radio/numbers_station_m94.htm

Combined schedules http://home.mchsi.com/~token_radio/v24_m94_schedule.htm

Thanks T!

Logs:
5715 kHz, 1430-1436 UTC, 10-9-2009, 5FGs
4500 kHz, 1530-1538 UTC, 10-9-2009, 5FGs
6215 kHz, 1600-1607 UTC, 10-9-2009, 4FGs
6215 kHz, 1330-1340 UTC, 11-9-2009, 5FGs, new song?
5715 kHz, 1430-1436 UTC, 11-9-2009, 5FGs, carrier up very early
5715 kHz, 1530-1537 UTC, 11-9-2009, 5FGs
6215 kHz, 1330-1340 UTC, 12-9-2009, 5FGs
5715 kHz, 1530-1537 UTC, 12-9-2009, 5FGs
4500 kHz, 1200-1207 UTC, 14-9-2009
4500 kHz, 1200-1207 UTC, 15-9-2009, 5FGs
6730 kHz, 1330-1342 UTC, 15-9-2009, 5FGs
6730 kHz, 1430-1444 UTC, 15-9-2009, 5FGs
6215 kHz, 1530-1538 UTC, 15-9-2009, 5FGs
5715 kHz, 1600-1606 UTC, 15-9-2009, 5FGs
5715 kHz, 1400-1406 UTC, 16-9-2009, 5FGs
6730 kHz, 1430-1444 UTC, 16-9-2009, 5FGs
6215 kHz, 1500-1507 UTC, 16-9-2009, 5FGs
6215 kHz, 1530-1537 UTC, 16-9-2009, 5FGs
5715 kHz, 1600-1606 UTC, 16-9-2009, very weak
5715 kHz, 1400-1406 UTC, 17-9-2009, 5FGs
6215 kHz, 1500-1507 UTC, 17-9-2009, 5FGs
5715 kHz, 1300-1308 UTC, 18-9-2009, 5FGs
6215 kHz, 1400-1408 UTC, 18-9-2009, 4FGs
5115 kHz, 1530-1537 UTC, 18-9-2009, 4FGs
5715 kHz, 1300-1308 UTC, 19-9-2009, 5FGs
6215 kHz, 1400-1408 UTC, 19-9-2009, 4FGs
5715 kHz, 1600-1615 UTC, 19-9-2009, 5FGs
5715 kHz, 1430-1436 UTC, 20-9-2009, 5FGs
5715 kHz, 1600-1615 UTC, 20-9-2009, 5FGs
5715 kHz, 1430-1436 UTC, 21-9-2009, 5FGs
6215 kHz, 1230-1237 UTC, 22-9-2009, 5FGs
6215 kHz, 1230-1237 UTC, 23-9-2009, 5FGs
6730 kHz, 1600-1607 UTC, 24-9-2009, 5FGs
6730 kHz, 1430-1444 UTC, 25-9-2009, 5FGs
6215 kHz, 1600-1608 UTC, 25-9-2009, 4FGs
6730 kHz, 1620-6730 UTC, 25-9-2009, 5FGs
6730 kHz, 1430-1444 UTC, 26-9-2009, 5FGs
6215 kHz, 1600-1608 UTC, 26-9-2009, 4FGs
6215 kHz, 1330-1340 UTC, 27-9-2009, 5FGs
6215 kHz, 1330-1340 UTC, 28-9-2009, 5FGs
5715 kHz, 1530-1537 UTC, 28-9-2009, 5FGs
5715 kHz, 1600-16-6 UTC, 28-9-2009, 5FGs
4500 kHz, 1200-1207 UTC, 29-9-2009, 5FGs

5715 kHz, 1400-1406 UTC, 29-9-2009, 5FGs
5715 kHz, 1530-1537 UTC, 29-9-2009, 5FGs
5715 kHz, 1600-1606 UTC, 29-9-2009, 5FGs

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* MORSE STATIONS *

::: MX

- Cluster beacons.
  Reported European beacons: A, C, D, S
  Reported Asian beacons: M

- Channel markers:
  P - 3291, 3327, 3837, 4031 kHz
  V - 3658, 5141, 6809, 7027.5, 10202 kHz

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::: M12

Simon submitted several M12a logs and transcripts. Thanks OM!

5929 kHz, 0340 UTC, 24-9
6929 kHz, 0411 UTC, 24-9 Due at 0400 did not start till 0411 UTC
8029 kHz, 0446 UTC, 24-9 Due at 0420 did not start till 0446 UTC

890 890 890 2 890 890 890 2
654 175 654 175
69189 73931 30843 08937 00662 20163 27610 24025 41483 19096
73375 36383 67707 08054 53264 18195 78351 11447 82791 10811
09922 27428 54866 46699 13029 61635 90509 84841 59809 74932
40124 53132 59505 54467 90412 84321 20072 67067 03665 05114
75086 66923 30373 31217 82507 97831 06433 06286 89558 66032
07272 51471 29519 95803 92228 21295 50921 93082 07924 85185
49662 63368 38185 80869 29500 84439 19623 72746 49128 73123
17765 9076T 43428 63829 98011 66293 21257 43729 89698 63981
70644 42351 38729 36578 60930 89717 33279 96617 95399 71849
44991 86409 94662 11630 14313 49535 75252 02382 85595 17368
43641 79454 94751 89332 13749 61352 75175 02621 27788 74107
86393 07734 54166 14964 61624 22212 53494 23184 87704 10046
43261 75312 42600 97725 63279 57129 38236 17010 67011 78179
52411 46666 61032 87307 21944 93201 40623 92334 18957 17228
79945 27013 67338 71088 85084 51899 22461 49317 13028 61296
44870 13125 24481 80161 48497 99554 73959 14963 92870 07170

27394 73032 76195 34849 23110 55971 34988 34534 75577 13459
33100 14973 18204 27719 13372
000 000

890 890 890 2 890 890 890 2
835 185 835 185
95519 87367 70219 93502 51924 16109 04786 41611 36721 79678
8T261 81097 82895 59762 01997 79546 30160 64692 33537 38624
84843 40876 81850 16238 99554 58422 04714 26000 23905 92412
48943 68460 47838 88455 23165 44495 65934 27885 97946 48973
13708 84629 12571 16799 94070 71491 47910 39266 45787 87548
71997 55885 46959 26506 20557 66311 34794 51715 27752 01764
99228 06253 24975 19405 80478 48853 91562 08545 48770 03831
99890 61445 37274 19052 91053 65140 56274 83874 52726 87009
09789 664T4 55211 55934 49667 54992 72534 23582 52617 87399
78838 15213 65708 26334 05542 29937 39991 27371 35791 55444
83704 65876 7096T 90612 13067 58629 06692 29610 33654 47625
21913 78712 03487 48769 64456 57997 04568 74672 63593 59989
12331 11409 05337 57599 14212 17441 95241 86803 61226 62116
59897 13143 45016 55808 99766 54916 86507 16642 21635 06783
52347 95132 55670 31485 50373 84411 79205 79097 59520 21152
09315 58547 52478 06786 44666 13698 74108 75807 86686 93007
47331 75343 48212 06828 47609 88373 17256 43746 65388 65328
82000 58220 50193 94784 41261 99733 67841 23548 71300 82537
06879 93729 77959 28103 03046
000 000

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::: M14

9060 kHz, 1900 UTC, 04-9: 724 724 724 00000
8180 kHz, 2000 UTC, 04-9: 724 724 724 00000

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::: M21

PVO Russian Air Defense.

Id 0: 3228, 5201
Id 8: 5873
Id 9: 4246, 5873, 7913.5

Another Russian tracking network was discovered by Fritz on 5223.5 kHz on 25-9 at 1829 UTC. It sent every odd minute messages like: "0105 1710696 5100029=" with variable group counts.

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::: M23

JPL discovered M23 after a silent period. He found the following skeds up to now.

0700 UTC, 10551 kHz, call: 999
1600 UTC, 10916 kHz, call: 666
1800 UTC, 7542 kHz, call: 666

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::: M89

V DKG6 DKG6 DKG6 DE 3A7D 3A7D on 7598.9 kHz
V QPZM QPZM QPZM DE WOXN WOXN on 4523 kHz

M89 variant:
VVV Q2M Q2M Q2M DE NYZ NYZ on 4860, 6840 kHz

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::: M94

Logs:
5115 kHz, 1530-.... UTC, 09-9, id 815
5115 kHz, 1330-1336 UTC, 10-9, id 815
4500 kHz, 1400-1406 UTC, 11-9
5715 kHz, 1400-1407 UTC, 12-9, id 1014
4500 kHz, 1400-.... UTC, 12-9
5715 kHz, 1400-1407 UTC, 13-9, id 1014, w22
5715 kHz, 1500-1507 UTC, 14-9
5715 kHz, 1500-1505 UTC, 15-9, id 958 W13
5115 kHz, 1400-1408 UTC, 20-9, id 3539
5715 kHz, 1500-1506 UTC, 20-9, id 521
5115 kHz, 1400-1408 UTC, 21-9, id 3539
5715 kHz, 1500-1506 UTC, 21-9, id 521
5715 kHz, 1400-1407 UTC, 22-9, id 1014, w22
5115 kHz, 1430-1438 UTC, 22-9
5115 kHz, 1330-1335 UTC, 23-9, id 815
5715 kHz, 1400-1407 UTC, 23-9, id 1014
5115 kHz, 1430-1438 UTC, 23-9
5715 kHz, 1300-1308 UTC, 24-9, id 1017, w27
5715 kHz, 1300-1308 UTC, 25-9, id 1017, w27
4500 kHz, 1400-1407 UTC, 26-9, id 935
5115 kHz, 1300-1305 UTC, 27-9, id 2010, w11
4500 kHz, 1400-1407 UTC, 27-9, id 935, w23

5715 kHz, 1500-1505 UTC, 29-9, id 958, w13, many dropped characters

See for schedules also V24.

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* VARIOUS MODES *

S28: 4625 kHz, the Buzzer
S30: 3657 kHz, the Pip
XSL: 6250, 6445, 8688 kHz, the Slot Machine (Japanese Navy telemetry)

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::: M42 & X06

```
 7812.0  2225 27-8  Gov/Intel? Mode: Baudot: 200Bd/500Hz. Message: see below
12155.0  0832 02-9  Russian Mil / Intel. Auto broadcast to unid recipient.
                    Mode: Wideband 150bd 4-FSK with 4 kHz tone spacing with
                    tones on 12149, 12153, 12157, 12161 kHz.
13383.0  0832 02-9  Russian Mil / Intel. Auto broadcast to unid recipient.
                    Mode: Wideband 150bd 4-FSK with 4 kHz tone spacing with
                    tones on 13377, 13381, 13385, 13389 kHz.
18238.5  0901 03-9  DOSC. "11177 30099 78987 00865 .....". Mode: CROWD36
 8121.0  0051 04-9  Gov/Intel. 5LGs. Mode: Baudot 100/500
12224.0  1617 07-9  Mazielka. Sequence: 463125
13517.0  1620 07-9  Mazielka. Sequence: 463125
17003.5  0620 08-9  DOSC. Mode: Crowd36. All encrypted text.
14871.0  1822 10-9  Mazielka. Sequence: 156234
 5447.0  1925 10-9  Gov/Intel? Mode: 200Bd/500Hz. Message: see below
16025.0  0800 12-9  Mazielka
14823.5  1602 15-9  DOSC. "11177 60069 27125 36733". Mode: CROWD36
14917.5  1702 16-9  DOSC. Mode: CROWD36
 6776.0  0326 17-9  Russian Gov/Intel. 5FGs with =50= separator, end "-0327"
                    into CW/A1A OP-Chat. Mode: Baudot 50/500
14871.0  1426 17-9  Mazielka. Sequence: 156234
11476.0  1632 17-9  Gov/Intel? "00000++++++++++162)5761". Mode: Baudot 200/500
12224.0  0800 18-9  Mazielka. Sequence: 463125
14570.0  0817 18-9  Mazielka. Sequence: 325614
14871.0  1446 19-9  Mazielka. Sequence: 156234
16309.0  1234 20-9  Russian Intel. Mode: FSK 200/1000
 6921.0  2315 24-9  Russian Gov/Intel. Mode: RTTY-ITA2/200/500.
                    "... =80461 686155275285857156 =90762 685131823908553144
                    =78463 173582818700000107)58164 +++++++++++++52", s/off.
 8075.0  1003 25-9  Russian Gov/Intel. Mode: RTTY-ITA2/200/500.
                    "... =83043 48001447ÿ3769547 ..."
```

16276.0 0814 28-9 DOSC. Mode: CROWD36. Traffic

Messages:

7812 kHz:
   ....=80614 88186123723392926
   =83515 10717593779256284)70416 4204500000+++++109
   =8511 21089797472061243
   =8942 63133283064176734
   =8583 02359150187545327
   =8914 01890784321065112
   =8345 07588149208277239
   =8576 97952242212975176
   =8227 33746878178902974
   =7738 45827959874577681
   =8639 842631658863706100
   =83010 134353701381919119
   =87011 36923992508646254
   =86812 900308825461291146
   =79073 52691057255596799
   =80614 88186123723392926
   =83515 10717593779256284)70416 4204500000+++++109
   =8511 21089797472061243243
   ..."

5447 kHz:
   ... 00000++++++++++162)5761
   00000++++++++++162)5761
   00000++++++++++162)5761
   00000++++++++++162)5761
   00000++++++++++162
   s/off

6921 kHz:
   ...
   =81813 276871079691162128
   =83014 26956684292990557
   =87515 4913312082721772
   =81316 31349496538858575
   =83017 806115909703975140
   =82918 37191898779168370
   =80019 51100895372275561
   =86320 28979875451314027
   =84721 84987742159013340
   =90322 68539437039147466
   =87523 268046236079475129
   =78824 644415215277255104
   =80225 739348648456577164

=84626 02053078100569689
=84727 813677717479149132
=84928 31895444247160935
=82829 01101305842411788
=83030 63518532912395889
=84831 884650819140224115
=85232 23025357732050885
=83333 91459223391548298
=77634 361405189677614130
=81035 501418920711326104
=84436 869717119882137108
=78537 06867998303719386
=82338 848792251424724104
=79939 32625288918325197
=85440 403861079551292102
=85341 215467206084123149
=77342 90129873218752533
=81743 71789614983829535
=78644 18335678848124650
=82745 651882071401639154
=78146 837240776804793138
=89347 062970276414443111
=81748 79205584934357682
=82349 221326883780485170
=85850 073451816574742109
=81551 41799751946686582
=84952 787120615331014100
=77253 86519718831978741
=89354 57149039435348889
=85255 072475613007262110
=84456 67399789860359914
=81357 36319537786409460
=85958 770396070437419111
=82059 24180038443911451
=80360 93655891504145463
=80461 686155275285857156
=90762 685131823908553144
=78463 173582818700000107)58164 +++++++++++++++52
s/off

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::: SK01

Westli, Mark and other contributors submitted a large amount of Cuban RDFT logs. Thanks for that, gents. For the complete list of V02a, M08a and SK01 logs and contributors see our Logs Section.

Date	UTC	Freq.	Mode	Remarks
1-9	0500	12120	RDFT	no decode
1-9	0530	13380	RDFT	no decode
1-9	0745	5883	RDFT	File 28142349.txt 351 bytes
1-9	0800	8180	RDFT	File 14116774.txt 1024 bytes
1-9	0845	5898	RDFT	File 28142349.txt 351 bytes
1-9	0900	8180	RDFT	File 14116774.tx t1024 bytes
1-9	0930	5930	RDFT	File 41884811.txt 1024 bytes
1-9	1000	8186	RDFT	File 75623354.txt 1024 bytes
2-9	0500	12120	RDFT	File 49263851.txt 971 bytes
2-9	0530	13380	RDFT	no decode
2-9	0600	5810	RDFT	File 49263851.txt 971 bytes
2-9	0600	11435	RDFT	File 49263851.txt 971 bytes
2-9	0600	11532	RDFT	no decode
2-9	0800	8186	RDFT	File 56576511.txt1024 bytes
2-9	1600	16178	RDFT	File 13431461.txt 1024 bytes
3-9	0500	12120	RDFT	
3-9	0500	12120	RDFT	File 49263851.txt 971 bytes
3-9	0530	13380	RDFT	File 49607244.txt
3-9	0900	8180	RDFT	no decode
3-9	1000	8186	RDFT	File 25112847.txt 1024 bytes
3-9	1600	16178	RDFT	File 72546553.txt 1024 bytes
4-9	0500	12120	RDFT	no decode
4-9	0530	13380	RDFT	no decode
4-9	0740	5883	RDFT	File 28908006.txt 351 bytes
4-9	0845	5898	RDFT	File 28908006.txt 351 bytes
4-9	1600	16178	RDFT	
4-9	1600	16178	RDFT	File 72546553.txt 1024 bytes
5-9	0600	11435	RDFT	File 49263851.txt 971 bytes
5-9	0630	11532	RDFT	File 49263851.txt 971 bytes
5-9	0740	5883	RDFT	File 28908006.txt 351 bytes
5-9	0800	8186	RDFT	no decode
5-9	0800	8186	RDFT	
5-9	0840	5898	RDFT	File 28908006.txt 351 bytes
5-9	0900	5947	RDFT	File 25112847.txt 1024 bytes
5-9	0900	9063	RDFT	no decode
5-9	0930	5930	RDFT	File 25112847.txt 1024 bytes
6-9	0700	6933	RDFT	
6-9	0720	5883	RDFT	
6-9	0745	5883	RDFT	File 28908006.txt 351 bytes
6-9	0845	5898	RDFT	File 28908006.txt 351 bytes
7-9	0900	9063	RDFT	
7-9	1600	16178	RDFT	
8-9	0900	8180	RDFT	
9-9	1600	16178	RDFT	
10-9	0800	8180	RDFT	
10-9	0900	5947	RDFT	

10-9	0900	8180	RDFT	
10-9	0930	5930	RDFT	
10-9	1600	16178	RDFT	
11-9	1600	16178	RDFT	
11-9	1713	11435	RDFT	
12-9	1700	11435	RDFT	
13-9	1700	11435	RDFT	
14-9	1600	10715	RDFT	
14-9	1600	16178	RDFT	
14-9	1700	11435	RDFT	
14-9	1800	8097	RDFT	Expected M8a here. He showed at 1802z. Both transmitted
15-9	1000	8186	RDFT	
15-9	1600	10715	RDFT	
15-9	1600	16178	RDFT	
15-9	1700	11435	RDFT	
16-9	1600	10715	RDFT	
16-9	1600	16178	RDFT	
16-9	1700	11435	RDFT	
17-9	1600	10715	RDFT	
17-9	1600	16178	RDFT	
17-9	1700	11435	RDFT	
18-9	1600	16178	RDFT	
18-9	1605	10715	RDFT	
18-9	1700	11435	RDFT	
18-9	1800	8097	RDFT	Expected M8a here.
19-9	0900	5947	RDFT	
19-9	0930	5930	RDFT	
21-9	0800	5898	RDFT	
21-9	1600	10715	RDFT	
21-9	1600	16178	RDFT	
21-9	1700	11435	RDFT	
22-9	0900	5947	RDFT	
22-9	0900	8080	RDFT	
22-9	0930	5930	RDFT	
22-9	1700	11435	RDFT	
24-9	1600	16178	RDFT	
24-9	1700	11435	RDFT	
25-9	1600	10715	RDFT	
25-9	1600	16178	RDFT	
25-9	1700	11435	RDFT	
26-9	0800	8186	RDFT	
26-9	0900	5947	RDFT	
26-9	0900	9063	RDFT	
26-9	0930	5930	RDFT	
27-9	1600	10715	RDFT	
27-9	1700	11435	RDFT	
28-9	0500	12120	RDFT	no decode
28-9	0530	13380	RDFT	no decode

```
28-9  0600  11435  RDFT  no decode
28-9  0630  11532  RDFT  no decode
28-9  0800   8186  RDFT  File 65172142.txt 1024 bytes
28-9  0900   9063  RDFT  no decode
28-9  1600  10715  RDFT
28-9  1600  10715  RDFT  File 56157788.txt 1024 bytes
28-9  1600  16178  RDFT
28-9  1600  16178  RDFT  File 52667283.txt 1024 bytes
28-9  1700  11435  RDFT
28-9  1700  11435  RDFT  File 56157788.txt 1024 bytes
29-9  0530  13380  RDFT  no decode
29-9  0800   8180  RDFT  File 35757483.txt 1024 bytes
29-9  0900   5947  RDFT  long
29-9  0900   5947  RDFT  no decode
29-9  0900   8180  RDFT  File 35757483.txt 1024 bytes
29-9  0911   9063  RDFT  long
29-9  0916   5947  RDFT  long
29-9  1000   8180  RDFT
29-9  1000   8180  RDFT  no decode
29-9  1600  10715  RDFT
29-9  1600  10715  RDFT  File 52667283.txt 1024 bytes
29-9  1600  16178  RDFT
29-9  1600  16178  RDFT  File 78152764.txt 1024 bytes
29-9  1605  16178  RDFT  long
29-9  1611  16178  RDFT  long
29-9  1615  16178  RDFT  long
29-9  1615  16178  RDFT  long
29-9  1620  10715  RDFT  long //16178 kHz
29-9  1620  16178  RDFT  long
29-9  1625  10715  RDFT  long //16178 kHz
29-9  1625  16178  RDFT  long
29-9  1631  10715  RDFT  long //16178 kHz
29-9  1631  16178  RDFT  long //10715 kHz
29-9  1636  10715  RDFT  long //16178 kHz
29-9  1636  16178  RDFT  long //10715 kHz
29-9  1641  10715  RDFT  long //16178 kHz
29-9  1641  16178  RDFT  long //10715 kHz
29-9  1646  10715  RDFT  long //16178 kHz
29-9  1646  16178  RDFT  long //10715 kHz
29-9  1700  11435  RDFT
29-9  1731  11435  RDFT  long
29-9  1736  11435  RDFT  long
29-9  1741  11435  RDFT  long
29-9  1746  11435  RDFT  long
30-9  0500  12120  RDFT  File 49413787.txt 1229 bytes
30-9  0600   5810  RDFT  File 45149386.txt 271 bytes
30-9  0600  11435  RDFT  no decode
30-9  0800   8186  RDFT
```

30-9 0800   8186 RDFT no decode
30-9 0900   9063 RDFT no decode
30-9 0900   9063 RDFT
30-9 1600 10715 RDFT at1620z.
30-9 1600 10715 RDFT File 75282314.txt 1024 bytes
30-9 1600 16178 RDFT at1620z
30-9 1600 16178 RDFT File 75282314.txt 1024 bytes
30-9 1700 11435 RDFT at 1725z.

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* MILITARY STATIONS *

::: RUSSIAN, CIS, UKRAINIAN MILITARY SSB & CW STATIONS (including M32)

An anonymous person mailed us via JM the following interesting item:

  "RGT77 is the General Staff Broadcast out of the Kremlin and has been using
  the same callsign since before World War II. The tuning callsign when
  first appearing on day, night or intermediate frequencies appears as "VVV
  RLH RLH K" when it was the Soviet Union "VVV UFD UFD K" was used but that
  now belongs to Ukraine."

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 18.1 Russian high command Moscow. Long ongoing 88 group strategic broadcast
       to collective recipient RDL: "____ t6157 21t88 k" // 4818, 7816 kHz.)

       Russian high command Moscow. // 5752, 7657, 10535, 12832 kHz.

 27.3 Russian high command, Khabarovsk radio centre. 24-9, 0611 UTC. Ongoing
       traffic.

3173.0 CIS Mil. Ends NR 559, a 43 x 5LGs message: ".. ENGTO WYKPV BEKGW K".
       Simplex. ZEKI responds "ZEKI R 559 K".

3284.0 Russian Navy Kaliningrad: RMP "REO REO DE RMP RMP QTC 672 89 14"

3287.0 Russian Navy Kaliningrad: RMP clg REO "REO REO REO DE RMP RMQC 2324 6
       21TT 233 = SML = ...""
       "REO REO E RMP RMP TC 249 34 15 T22 249 = NALIP PO EALTIJSKOMU MOR‹
       IZ WYPUSKA 40IO NAIP 013 147 KARTA 25IO9 EGROLIAT BOLXÁOJ BELT 1 T÷K
       BUJ RJFET 1416HT0 SNT 54 TIRE 42S"

4079.0 Russian Navy Kaliningrad: RMP. Ongoing weather forecast for Baltic Sea
       and "Gendanskij zaliw"

4095.5 RHN88: Russian Naval Vessel 2000 CW wkg dx unid w/5FGs QTC "FOR RIT RJD99". 11Sep09 (ALF)

4818.0 Russian high command Moscow. Strategic broadcast to collective RDL; "rdl rdl rdl 22222 84253 38839 83725 83725 _____ 95t49 684t4 21t56 k" //18.1, 7816 kHz.

5155.0 Russian Navy: RIT "RLO RLO DE RIT RIT QTC 665341 057665 = RADIO WROGNOZ 010990300"

5329.5 Russian/CIS Mil. Ongoing broadcast of 168 group 5FG message to unid recipient (written as received); "_____ t715t = zhg 79 58 88 = 11111 ____ 688566 . . . . . (5x "e" = error) 88566 ____ " msg ending; "22169 65559 166t8 2 1 1 6 8 k"

5343.0 Russian Navy: RIT wkg RLD69 "VVV RLD69 RLD69 RLD69 DE RIT RIT QSA K" "rkw95 rkw95 rkw95 de rit rit qsa3 qrv k"

5456.0 Russian naval vessel RHL80 wkg RMP. "ZZD3 RMP de RHL80 RHL80 sk"

5774.0 Russian Navy: RIT wkg RJQ84 and RJP98.

6343.0 Russian Mil: RGT77 "= K RGT77 RGT77 939 = "KYIQ RSHOCH SIAXNI".

6832.0 Russian Navy Kaliningrad: RMP

6899.0 Russian Mil: BASIS wkg ALPHA, BARKAT, NAPISOK(?), WOLFRAM, MINUTKA, LAPIN, NAPITA(?)

6998.5 Russian Mil: 9LPN msg to JDPL "... = KA = UR = GELENDVIK = ANAPSKAYa = BANKA = GELENDVIK = NA = PROMYSLE = RAJON = ChChCh = UUU = DWIVENIE = LO = PPP = ...".

7000.0 Russian Mil: RTE76

7019.0 Russian Mil: RAL2 wkg RBC70 and RLO2

7122.0 Russian Navy: "RDL 99077 24627 K", "RDL 1223 20948 K"

7602.0 Russian Navy: RIT "RADIO PROGNOZ" to collective RLO
"RLO RLO RLO de RIT RIT
QTC 156 34 10 0057 156 = RADIOPROGNOZ
10099 03003 30001 00001 00006 30010 00002 00006 40011 00005
00006 50014 00006 00006 40013 00102 00006 30011 00001 00612
40011 00002 00612 40012 00005 00612 60015 00006 00612 50014
00102 00612 40012 ar"

7657.0 Russian Navy: RDL "rdl 78714 04546 korrupci% 0815 4934 k" //18.1 kHz.

7675.0 Russian Navy: RIT wkg RJQ84. "RJQ84 de RIT K. (RJJ84) K. ZZU? K. RIT de RJQ84 ZZD1/NO ZZT ZZU? K. RJQ84 de RIT OK AS3 K. RJQ84 de RIT ZZU ZZT 5774 K. RIT de RJQ84 OK K." (QSY to 5774 kHz simplex).

7954.0 Russian Navy: RIT broadcast to collective RLO.
"RLO de RIT QTC 322 34 30 1257 322= radio prognoz 30099 63003 40000 00001 01218 40011 00002 01218 40012 00005 01218 70017 00006 01218 60016 00101 01218 40013 00001 01824 40010 00002 01824 40011 00005 01824 60015 00006 01824 50014 00102 01824 50014+"

7999.0 Russian Air Force: REA4

8015.5 CIS Mil. 35x5FG message: "... QJNOL JRPJ‹ BEKWD 566 K."

8072.0 CIS Mil: "9YYN de L8AG K. QYT6 QOI K. R K".

8338.0 Russian Naval vessel: RFH77 wkg RIW OP-Chat on 7664 kHz //9396 kHz

8344.0 Russian Navy: 7RPEK clg RMG8K and sending short 5FG messages for RFH77, RJH45, RJH74, RJE73.

8345.0 Russian naval vessel RCJE wkg RCV.
Russian naval vessel RKW95 wkg RIT.
Russian naval vessel RJI63 wkg RIT. "RIT DE RJI63 RJI63 QSA2 QRV K"
Russian naval vessel RMGB clg RCV. "RCV RCV RCV DE RMGB RMGB QSA? K"
Russian naval vessel RJP98 clg RIT. "RIT RIT DE RJP98 RJP98 QSA1 QRV K"
Russian naval vessel RJQ84 clg RIT. "RIT RIT RIT DE RJQ84 RJQ84 QSA? K"
Russian naval vessel RMUW clg RCV. "RCV RCV DE RMUW RMUW QSA2 K"
Russian naval vessel RFH77 wkg RIW and RIT.
Russian naval vessel RLD65 wkg RIT. "RIT de RLD65 QYT4 QSX 7184 K."
Russian naval vessel RGMB sending messages to RJH45, RJE73 & RJH74.

Russian naval vessel: RKW95 msg to RJH71
"94t 29 2t 18tt 94t = sml for rjh71 ="

Russian naval vessel: RJI63 sending message to unid station "___63 442 25 22___" msg ending; "8t816 64138 22t24 = ar rji63 k"

Russian naval vessel: RJQ84 signal checks with RIT and passing telegram from himself and RJI63 "rit de rjq84 qsa? qtc k" "rjq84 524 19 22 22tt 524 = fm rjq84 rji63 for rjh45 rjh74 = 22182 96t51 _______ 8tttt 22t14 = ar rjq84"

Russian naval vessel RFF78 wkg RIT. "RIT DE RFF78 K AS 5 K"
"RIT DE RFF78 K RFF78 NR 993 RPT AL K RFF78 OK AS 3 K"

Russian naval vessel RMGB msg for RIW & RCV: "11111 647T 452T1 343T8

72771 3T622 4892T 756T6 64354 83T T8 61156 24168 36619 73722 6 T T 92 11338 64933 33T7T 56387 42629 63379 94533 42865 26T33 56418 81668 T6T31 RMGB RPT T6T31 97635 15799 98671 12269 85894 26267 471T2 9718 T 35274 76695 64237 56649 68T37 792T9 53123 94T54 58657 65642 T949ÁE 58134 98649 T1291 72DE77 8T112 52459 86548 I5823 83984 96551 31462 2243 73185 83132 15983 36645 27TI3=+ RMGB K."

8411.0 Russian Naval vessel: RFH77 wkg RIW online encrypt msg ("QRR3")

9145.0 Russian Navy: RFH77 "QYT4 QWH 10244/10176" & "QRR3 QSX 8411/8411". Russian naval vessel RMGB wkg RKW95.

RIW wkg RFF78 "QYT4 QSX 12540 k"; "QYT4 QSA4 QMO k" & wkg RFH77 "QYT4 QSX 8338 k";

9179.5 Russian Navy: RIW "DE RIW QTC R K T K RIW 828 P E CH 12 T 5 IIII RIW 828 151 12 T T5 6 828 = RI IT ="

9396.0 Russian Naval vessel: RFH77 wkg RIW after OP-Chat on 7664 kHz//8338 kHz

10176.0 Russian Navy: RIW wkg RFH77 after OP-Chat on 9145 kHz //10244 kHz.

10244.0 Russian Navy: RIW wkg RFH77 after OP-Chat on 9145 kHz //10176 kHz.

10332.0 Russian naval vessel: RMGB wkg RCV after "= 11111" and wkg RIW. "VVV RIW RIW RIW DE RMGB RMGD QSA QTC K"
Russian Navy: RFH77 wkg RIW. "RIW DE RFH77 RFH77 RFH77 OK 345 K"

10543.0 Russian Navy Sevastopol: RCV clg RGX94 for navigational messages. "rgx94 de rcv qtc 964 45 281550 964 - nawip 036 1771 karta 31036 franci‰ strelx....."

11000.0 Russian Navy: RIW wkg RMDZ. "rmdz de riw qsu1 qwh 8794 qsx 8270"
RIW wkg RAL59 and RFH77

11139.0 Russian high command. "xxx xxx" into T600 data // 00018.1.

11146.0 CIS Mil. Pulls tones and keys tone-2 in Morse: "QJB3 K. QRJ NO QCM. QRJ NO QCM K. QRJ? K. R K"

11155.0 Russian Navy: RIT comm checks with RKO81 and forwards unusual telegram from RMP to warship RKO81; "vvv rko81 de rit qsa? qtc k .... rit 646 48 5 1408 646 = sml fm rmp = 87 646 rit rpt k...rit rpt k...ok...qru k"

RIT wkg RJP99. "rjp99 de rit qsa1 qrv....qsa1 qwk 12464 ok?"
RIT signal checks with warships RLA88 and RJI63

RIT strategic messages to RLO: "xxx xxx rlo rlo proso 6053 7301 k"

"xxx xxx rlo rlo 75582 swaeboec 5213 8285 k"

11156.0 Russian Navy: RIW "vvv vvv vvv rfh77 de riw" zzt zzt 13449/13449 k"

11418.0 Russian Navy: RMP wkg RLD69, RMPV and RKO81.

11848.0 Russian Air Force: REA4

12414.0 Russian Mil: "VVVVVVVVVVVV RJS2 RJS2 DE RGK39 RGK39 ZZD"

12464.0 Russian naval vessel: RKW95 clg RIW, RIT and RMP for signal checks;
"riw de rkw95 qsa qtc k....rit de rkw95.....rmp de rkw95 qsa ?"
followed by a telegram "713 6 .... 183t 713 = sml for riw rit rmp rje71
= 11111 t47t6 ..... 3tt4t = AR rkw95"

Russian Naval vessel: "VVV RCV RCV RCV DE RCJE RCJE QSA QTC K"
Russian Naval vessel: "RIT DE RKW95K RKW95 OK QRUK"
Russian naval vessel: RMGB.

12741.0 Russian high command Moscow, unid tx site. Ongoing long 149 group 5FG
strategic msg to collective recipient RDL. Ending "95t76 t2632 25149 k"
//18.1 kHz

13449.0 Russian Navy: RIW. "rfh77 de riw zzd ? k vvv vvv vvv"

13975.0 Russian Mil: "RAL2 RAL2 RAL2 DE RFH2 RFH2 QSA1 QSANO K"

14108.0 Russian Mil: CKX9, AR8I, DKYA, OKKB, OSVU, 5YVQ, B5LO, 3CF1, 5UT3,
9VZ1, KCZK, Z4ST, 3K8B, NAZR, GE8K, J9C7, DLX7, SBAE, 5YVQ, SVAW,
MCWE, OZWZ, QMV1. Radio checks and messages.
"ZHK ZDS ZDN QYT6 K"
"ZDD ZDQ ZGN QYT6 K"
"QBE QYT9 QYT16 k"
"ZMV ZMG ZUC QYT6 K"
"QJG, QYT6 K"

14118.0 Russian Mil: SW3J, 6NON

20268.0 Russian high command. 5FG message to RDL "rdl 253t7 864t4 k" //18.1 kHz

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* UTILITY ROUND-UP *

::: DRIFTNET BEACONS

1939.0 kHz: "4OQP" 3x with long dash, every 3 minutes, about 5 WPM.

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::: PIRATE BEACONS logs

6828.65 kHz: "CQ CQ CQ beacon spain for dxers send report beaconhf hotmail.com
qsl ok thanks"
7523.40 kHz: "T" beacon, dash every 4 seconds with about 1200 freq shift/curve.
7527.00 kHz: "T" beacon, dash every 4 seconds, with one spur at 7523.4 kHz with
about 1200 freq shift/curve and many other spurs up and down freq.
8000.80 kHz: The Pike Dasher, Colorado. About every 7 seconds.

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::: PIRATE / EXPERIMENTAL BEACONS

In the past weeks I received several questions about the pirate beacons. I also noticed various mails on UDXF about the subject. We see only a few logs on UDXF these days so it's time for an update,

A number of beacon owners belong to the "High Frequency Beacon Society". They run a number of beacons throughout the USA. Below an overview of their beacons. Check for logs and further info http://highfrequencybeaconsociety.bravehost.com

The Society beacons:

The dashers have no morse ID but have been given names.
"SDSR" means sun down to sun rise.
"D" means daylight.

Frequency	Name/id	Power/antenna/remarks	ps-times
3449.70	OK	Oklahoma. 300Mw end fed wire	24/7
4077.27	MO	Oklahoma. Solar 200Mw 118ft end fed wire	24/7
4078.25	WW	100Mw Center Loaded Whip	SDSR/7
4094.20	PA	Arkansas. Solar power 200 MW. Dipole	24/7
4097.4	KX	Solar. Transits the temp inside/outside + battery voltage	24/7
5157.3	Blinky	Florida. Solar 500MW. Dipole	24/7
5484	SD	San Diego, CA. 200Mw OCF. Dipole	24/7
6549.3	FL	Florida. 300Mw. Dipole VEE	24/7
8000.4	S	SW Arizona. 300Mw. Dipole. Solar	D/7
8003.6	Pike-78	Colorado. Dipole. Solar/battery (on cold days freq can drop to 8001 kHz). Transmits 78 dashes/min	24/7
8211.8	OR	200Mw. Solar. End Fed vertical	24/7
8497.7	Pike-26	Dipole. Solar/battery. Transmits 26 dashes/min	24/7
10236.5	Echo	500mw. Vertical Dipole. Transmits 1 dash/sec	24/7
10240.5	Sputnick	W.Virginia. 70Mw. 12ft vertical. 50 beeps/min	SDSR/7

11002.7	CO	Colorado. Solar. 300-500Mw. Dipole	D/7
		Note: There is often a message on this beacon.	
14400.7	UFO	Colorado. On the air times will be posted on HF UNDERGROUND.	
		UFO has been reported on the following frequencies.	
		14400.5, 14400.47, 14400.27, 14400.68 kHz.	

Other beacons listed on http://www.hfunderground.com/wiki/High_Frequency_Beacons

Frequency	Name/id	Power/antenna/remarks	Ops-times
2097	A	Arizona (15 watts)	24/7
4062	C	Drifts from 4052 to 4063 kHz.	
4079	TMPnnn	SW Arizona. Temperature beacon. Temp in F every 10 sec.	24/7
4089		About 80 dits/minute, Death Valley N.P.	24/7
4096		6 dots 1 Dash	
4096.1	Coxie	4.5 sec long dashes (13 p/min) Joshua Tree N.P.	24/7
4096.25	Hexie	1 sec dash (30 p/min) Joshua Tree N.P.	24/7
4096.6	Kelsie	2 sec. dash (16 p/min) Mojave Nat. Preserve	24/7
4097.2	Inyo Whooper	55 dashes p/min. Inyo County, Calif.	D/7
4102.3	W...	SE California. Wind beacon. Sends "W" + dits	
5499.13	WA	Dasher	
6626.2	S (Rocky)	Inyo County, CA. 60-200 dashes p/min.	
6626.4	Rainy	Fast "drippy" sounding dits about 100/min., Mojave N.P.	D/7
6700.4	Hexy2k	Dasher. About 62 dashes p/min. Joshua Tree N.P.	24/7
8188.7	W	Solar/battery 100 mW dipole. Location: Colorado	D/7
8261	F	250mW into a 1/2 wave inverted vee. W.Canada	400-0500
10236.7	FL	Dasher	

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::: UNID 9457 kHz

9457 kHz: Unid station. "897/898/898/898/898/898" repeated. Mode: Baudot 50/500

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::: UNID 3343 kHz

Greg logged an unid morse station on 3343 kHz at 1554 UTC on 26-9.

Marker "MWKJ" is sent at 20-30 and 50-00 minutes past each hour. At 1558 UTC hand key sent: "bt 39 98 42 bt" repeated three times.

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* INTELLIGENCE PROFILE: ROMANIA *

- BACKGROUND

The principalities of Wallachia and Moldavia, for centuries under the suzerainty of the Turkish Ottoman Empire, secured their autonomy in 1856; they united in 1859 and a few years later adopted the new name of Romania. The country gained recognition of its independence in 1878. It joined the Allied Powers in World War I and acquired new territories - most notably Transylvania - following the conflict. In 1940, Romania allied with the Axis powers and participated in the 1941 German invasion of the USSR. Three years later, overrun by the Soviets, Romania signed an armistice. The post-war Soviet occupation led to the formation of a Communist "people's republic" in 1947 and the abdication of the king. The decades-long rule of dictator Nicolae CEAUSESCU, who took power in 1965, and his Securitate police state became increasingly oppressive and draconian through the 1980s. CEAUSESCU was overthrown and executed in late 1989. Former Communists dominated the government until 1996 when they were swept from power. Romania joined NATO in 2004 and the EU in 2007.

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- GENERAL

Country name: Romania
Capital : Bucharest

Administrative divisions:
1 municipality (municipiu); Bucuresti (Bucharest)
and 41 counties (judete); Alba, Arad, Arges, Bacau, Bihor, Bistrita-Nasaud, Botosani, Braila, Brasov, Buzau, Calarasi, Caras-Severin, Cluj, Constanta, Covasna, Dimbovita, Dolj, Galati, Gorj, Giurgiu, Harghita, Hunedoara, Ialomita, Iasi, Ilfov, Maramures, Mehedinti, Mures, Neamt, Olt, Prahova, Salaj, Satu Mare, Sibiu, Suceava, Teleorman, Timis, Tulcea, Vaslui, Vilcea, Vrancea

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- MILITARY

Military branches:
Land Forces, Naval Forces, Romanian Air Force (Fortele Aeriene Romane, FAR), Special Operations, Defence Intelligence General Directorate.

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- SECURITY & INTELLIGENCE AGENCIES

Defunct intelligence agencies:

Departamentul de Informatii Externe (DIE)
- Department of External Information

Independent Operative Service (SIO)
Departamentul Securitatii Statului (Securitate)
- Department of State Security, including
  Directorate for Investigations
  Directia Generala de Tehnica Operativa (DGTO)
  - General Directorate for Technical Operations
  Directorate for Counterespionage
  Directorate IV
  Directorate V
  Directorate for Internal Security
  Directorate for Surveillance
  Directorate for Mail Censorship
Directia de Informatii a Armatei (DIA)
- Directorate for Military Intelligence

- Departamentul Securitatii Statului (Securitate)
  Department of State Security

The Ministry of Interior's Department of State Security (Departamentul Securitatii Statului, popularly known as the Securitate) was the Communist Party of Romania's secret political police. This organization was shrouded in secrecy, but an increasing number of defections from their ranks shed some light on their composition and activities. The Securitate was responsible for guarding the internal security of the Ceausescu regime and suppressing any unrest, disturbance, or dissident group that criticized or challenged it. The Securitate succeeded in repressing most organized opposition to the regime. Yet spontaneous outbursts of discontent with Ceausescu's "cult of personality," economic austerity policy, treatment of ethnic minorities, anti-religious campaign, and lack of respect for internationally recognized civil and human rights occurred with increasing frequency after the mid-1970s, and ultimately led to the overthrow of the regime.

In 1989 the 7 directorates of the Securitate were the largest component of the Ministry of Interior. They also comprised Eastern Europe's largest secret police establishment in proportion to total population.

The Directorate for Investigations had agents and informants placed in virtually every echelon of the party and government, as well as among the public, to report on the anti-regime activities and opinions of ordinary citizens. It perpetrated illegal entries into public offices and private homes and interrogated and arrested people opposed to Ceausescu's rule. Its agents frequently used force to make dissidents provide information on their compatriots and their activities. According to some prominent dissidents, because of the directorate's influence over judges and prosecutors, no dissident arrested by it had ever been acquitted in court. It worked closely with the Directorate for Surveillance and the Directorate for Mail Censorship. The latter monitored the correspondence of dissidents and ethnic Hungarians in

Transylvania. Toward this end, it collected handwriting samples from the population and supervised the official registration of all typewriters and copying machines by the police.

The General Directorate for Technical Operations (Directia Generala de Tehnica Operativa - DGTO) was an integral part of the Securitate's activities. Established with the assistance of the KGB in the mid-1950s, the DGTO monitored all voice and electronic communications in the country. The DGTO intercepted all telephone, telegraph, and telex communications coming into and going out of the country. It secretly implanted microphones in public buildings and private residences to record ordinary conversations among citizens.

The Directorate for Counter-espionage conducted surveillance against foreigners -Soviet nationals in particular -to monitor or impede their contacts with Romanians. It enforced a variety of restrictions preventing foreigners from residing with ordinary citizens, keeping them from gaining access to foreign embassy compounds and requesting asylum, and requiring them to report any contact with foreigners to the Securitate within twenty-four hours.

Directorate IV was responsible for similar counter espionage functions within the armed forces, and its primary mission was identifying and neutralizing Soviet penetrations.

Directorate V and the Directorate for Internal Security focused mainly on party and government leadership cadres. Directorate V provided protective services and physical security for Romanian officials.

- Departamentul de Informatii Externe (DIE)
  Department of External Information

The Department of External Information (DIE) was Romania's primary foreign intelligence organization. It worked closely with the Ministry of Interior, the Securitate, and the general staff's Directorate for Military Intelligence (Directia de Informatii a Armatei - DIA).

The DIE was formed with Soviet assistance in the mid-1950s. Until the early 1960s, Romania sent its intelligence officers to attend a two-year KGB training course in espionage tradecraft near Moscow.

- Independent Operative Service (SIO)

The Independent Operative Service (SIO) which functioned within the General Directorate of Penitentiaries (DGP), was special intelligence unit of the Justice Ministry.

- Directia de Informatii a Armatei (DIA)
  Directorate for Military Intelligence

The DIA was Romania's military intelligence agency.

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- SECURITY & INTELLIGENCE AGENCIES

Current situation (2009):

    Interior Ministry Intelligence Directorate (UM 0251)
    Serviciul Rom,n de Informatii (SRI)
    - Romanian Intelligence Service
    Serviciului de Informatii Externe (SIE)
    - Foreign Intelligence Service
    Ministerul Apararii Nationale
    - Ministry of National Defense, including
      Defence Intelligence General Directorate
      Special Telecommunications Service
      Counter-intelligence Directorate
      Intelligence Directorate of the Army
    Gendarmerie
    Guard and Protection Service (SSP)

- Interior Ministry Intelligence Directorate (UM 0251)

The Interior Ministry Intelligence Directorate (UM 0251) directs civilian intelligence and security service operations. The agency is charged with protecting national security.

- Serviciul Rom,n de Informatii (SRI)
  Romanian Intelligence Service

The SRI was created on March 26, 1990, by Decree No. 181. It is the official state institution of Romania specialized in gathering national security-related intelligence. The activities are carried out mainly on the national territory but also outside Romania's borders, in cooperation with other institutions with responsibilities in the field of monitoring and preventing cross-border threats. The SRI reports to the Parliament.

The Romanian Intelligence Service plans and carries out activities aimed at gathering, verifying and processing the information necessary for identifying, preventing and countering actions which may legally constitute threats to Romania's national security.

Romania's EU and NATO membership entails additional responsibilities and requires conceptual and functional transformation of the Romanian Intelligence Service, in terms of connection to the dynamics of these organizations and approach to security as an indivisible and cooperative concept.

The SRI operates under Act No. 14/1992 which regulates its duties, competencies and responsibilities. The gathered intelligence is disseminated based on the approval of the Director of the Romanian Intelligence Service.

The SRI has responsibilities in the identification and prevention of activities aimed at launching, organizing, committing or supporting, Communist, Fascist, legionary, racist, anti-Semitic or other extremist activities, as well as instigating to deeds that may endanger the rule of law. The Service monitors all intelligence activities conducted by various natural persons or unauthorized groups, by using, among others, specific wire-tapping means; given national security reasons, the Service is interested in the nature of collected data and information, the methods used and how the citizens fundamental rights can thus be violated.

According to Romania's National Security Strategy, terrorism stands among the main threats to national security. Thus countering the risk factors triggered by the evolution of international terrorism and its influences on Romania's security has become a key security objective. A major objective of the SRI is to prevent, through its anti terrorist unit, the threat from turning into a crime against national security, by disrupting all terrorist intentions or logistics and eliminating all vulnerabilities, risks or dangers. Romania's anti-terrorist activity is centered upon the prevention concept, underpinning the necessity of anticipated identification, by means of intelligence gathering, of all conditions leading to the emergence of a terrorist threat, irrespective of its origin, form and target.

According to a series of internal regulations, the Special Anti terrorist Task Force Unit (USLA) was responsible for all anti-terrorist operations until 1989. In 1990, USLA turned into the Anti terrorist Brigade and became the central intelligence-operational unit of the SRI.

As part of the modernization process of the SRI, the General Directorate for Preventing and Countering Terrorism (DGPCT) became operational within the agency on July 1, 2008. It is a central intelligence-operational unit responsible for planning, organizing and performing prevention, identification, neutralization and annihilation of security risk and threat factors that aim at preparing, initiating and committing terrorist acts or vulnerabilities that can engender this type of acts.

Another responsibility of the SRI is to monitor almost all foreign intelligence services and structures activities in our country, with a special interest in "espionage, remittance of state secrets to a foreign power or organization, or to their agents, illegal procurement and possession of state secret documents or data with a view to transferring them to a foreign power or organization, or to their agents, or with any other aim, unauthorized by law..." (Act No. 51/1991 on the National Security of Romania).

The Service's main operations include controlling and manipulating identified espionage networks, by the exclusive use of methods implying the isolation and annihilation of foreign intelligence agents.

The SRI works closely with the Guard and Protection Service (SSP), a national law enforcement agency. The SSP is charged with the protection of government officials and foreign diplomats. In cooperation with the SRI, the SSP functions as a special action unit for anti-terrorism operations.

- Serviciului de Informatii Externe (SIE)
  Foreign Intelligence Service

Foreign intelligence is coordinated through the Ministry of Foreign Affairs (MAE). The Ministry employs its own intelligence force, the Serviciului de Informatii Externe (SIE). The SIE analyzes external threats to Romanian interests.

Its objectives are:
- collect relevant intelligence for the national security of Romania, which provides the basis for the decision-making process;
- provide early warnings regarding risks and threats;
- develop strategic assessments of the international security environment;
- conduct operations so as to protect and promote Romaniaís interests.

The SIEís activity is performed according to the Constitution of Romania, the national legislation, the Decisions of the Countryís Supreme Defence Council, and the military regulations. The activity of the service is classified as state secret, therefore the intelligence sources, their methods and means cannot be disclosed to anyone under any circumstances.

The SIE produces data, information, and assessments that are necessary for underpinning national security policies and decisions. They are delivered to the legal customers that have the responsibility to decide on and take appropriate measures.

The SIE is part of the National Intelligence Community (according to Decision no. 146/2005 of the Countryís Supreme Defence Council). The SIEís Director represents the institution in the Steering Committee of the National Intelligence Community, while the SIEís Deputy Director for Operations is the delegate of the Service to the Operational Council of the National Intelligence Community. Furthermore, the SIE is present through its specialists and experts in the Integrated Intelligence Office within the Community. The cooperation between the SIE and other national security structures consists of timely exchange of intelligence on subjects of common interest, as well as in other aspects or working means that help to safeguard national security.

- Ministerul Apararii Nationale (Ministry of National Defence)
  Defence Intelligence General Directorate

Special Telecommunications Service
Counter-intelligence Directorate
Intelligence Directorate of the Army

The Romanian military operates its own intelligence forces in specially trained units. The Ministry of National Defense coordinates some military intelligence operations through various operational branches. The Special Telecommunications Services specializes in communications security. The Counter-Intelligence Directorate oversees military, and sometimes civilian, counterintelligence operations. The Intelligence Directorate of the Army also operates within the Ministry of National Defense, coordinating operations to assess and preserve national security using military intelligence resources.

- Gendarmerie
The Gendarmerie, the national police force, aids Romanian intelligence services to insure public safety.

- Guard and Protection Service (SPP)
The Guard and Protection Service (SPP) was established on 07 May 1990 as the Special Guard and Protocol Unit. The service is a new version of the former Directorate V of the Department of State Security, which was in charge of Ceausescu's protection and was formally dismantled days after his overthrow, in December 1989. But SPP is a different entity which inherited neither the structures, nor the equipment of the old Securitate Department. The main task of the service is to ensure anti-terrorist protection for Romanian dignitaries and their foreign guests, and to guard their headquarters and residences. The SPP is an autonomous, military-administrative authority controlled by the parliament and coordinated by the Supreme Council for the Defence of the Country (CSAT).

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- RELATED NUMBERS STATIONS

Ciocarlia (Skylark). Enigma code V01. Morse variant: M48. Both are now defunct.

The Skylark was a strange station. It used a Romanian folk song as interval signal, a wild gypsy tune called "Ciocarlia", Skylark in English. The tune lasts almost 3 minutes and was played 2x. The tune was followed by five figure groups in Romanian. The transmissions ended with "terminat, terminat". Most of the time however NUL messages were transmitted. The tune was played twice followed by "terminat terminat terminat" by a male voice and then again 2x the tune and "terminat terminat". Alas, this station is also no longer active.

Enigma code V17: Sent 3 figure groups. Ending with "000". Now defunct.

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- SOURCES / FURTHER INFORMATION

CIA World Factbook
http://www.fas.org
http://www.sri.ro/index.php
http://www.sie.ro/
http://english.mapn.ro/
http://www.encyclopedia.com

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* LOGS SECTION *

3228	M21	Mode: CW Date/time: 25-9-2009, 1900 UTC Remarks: Russian Air Defense. ID 0. "=992300??0?????" and many tracking res Contr: (FN)
3228.5	M21	Mode: CW Date/time: 26-9-2009, 1956 UTC Remarks: Russian Air Defence(PVO). =992357??0????? = 992358??0????? Contr: (MPJ)
3291	MX	Mode: CW Date/time: 14-9-2009, 0324 UTC Remarks: Channel marker "P" Contr: (ALF)
3327	MX	Mode: CW Date/time: 4-9-2009, 2222 UTC Remarks: Channel marker "P" Contr: (BCI)
3327	MX	Mode: CW Date/time: 14-9-2009, 0323 UTC Remarks: Channel marker "P" Contr: (ALF)
3327	MX	Mode: CW Date/time: 14-9-2009, 1856 UTC Remarks: Channel marker "P" Contr: (TJ)
3520	M01b	Mode: CW Date/time: Fri 18-9-2009, 2010 UTC Remarks: 582-789/31 //4585 Contr: (HFD)
3535	M01b	Mode: CW Date/time: Mon 7-9-2009, 1810 UTC Remarks: 420-789/31=12382 //4590 Contr: (HFD)
3535	M01b	Mode: CW Date/time: 21-9-2009, 1810 UTC Remarks: 420 789 789 31 31 Contr: (GD)
3625	M01b	Mode: CW Date/time: Fri 18-9-2009, 1902 UTC Remarks: 153-789/31=12282 //4440 Contr: (HFD)
3644	M01b	Mode: CW Date/time: Mon 7-9-2009, 1915 UTC Remarks: 771-789/31=12382 Contr: (HFD)
3644	M01b	Mode: CW Date/time: 21-9-2009, 1915 UTC Remarks: 771 789 789 31 31 Contr: (GD)
3758	M51	Mode: CW Date/time: 21-9-2009, 2103 UTC Remarks: French Mil training w/ 5LGs (w/ spurious 3760.1) Contr: (linkz)
3828.9	S32	Mode: USB Date/time: 6-9-2009, 2256 UTC Remarks: Squeaky Wheel Contr: (AB)
3837	MX	Mode: CW Date/time: 14-9-2009, 1926 UTC Remarks: Channel marker "P" Contr: (ALF)
3948	M51	Mode: CW Date/time: 18-9-2009, 1805 UTC

		Remarks: French Mil training Contr: (linkz)
4031	MX	Mode: CW Date/time: 31-8-2009, 2040 UTC Remarks: Channel marker "P" Contr: (BCI)
4165	E10	Mode: AM Date/time: 31-8-2009, 1630 UTC Remarks: ART Contr: (BCI)
4246	M21	Mode: CW Date/time: 29-9-2009, 1937 UTC Remarks: Russian Air Defense. ID 9. "=99?2237?9?????" Contr: (FN)
4440	M01b	Mode: CW Date/time: Fri 18-9-2009, 1902 UTC Remarks: 153-789/31=12282 //3625 Contr: (HFD)
4454	M01b	Mode: CW Date/time: 21-9-2009, 1915 UTC Remarks: 771 789 789 31 31 Contr: (GD)
4454	S21	Mode: USB Date/time: Tue 1-9-2009, 1842 UTC Remarks: 454-248/33=25073 4454 weak 4854 vy strong w/ msg //4854 Contr: (HFD)
4496	M51	Mode: CW Date/time: 31-8-2009, 1632 UTC Remarks: NR 83 A 31 18:52:06 1987 BT KGGVZ EWWTN SZARZ ... Contr: (BCI)
4500.0	M94	Mode: MCW Date/time: Fri 11-9-2009, 1400 UTC Remarks: Too much QRM to get ID Contr: (Token)
4500.0	M94	Mode: MCW Date/time: Sat 26-9-2009, 1400 UTC Remarks: id 935 Contr: (Token)
4500.0	V24	Mode: AM Date/time: Thu 10-9-2009, 1530 UTC Remarks: 5f, first V24 RX on 4500 for me Contr: (Token)
4500.0	V24	Mode: AM Date/time: Mon 14-9-2009, 1200 UTC Remarks: Contr: (Token)
4500.0	V24	Mode: AM Date/time: Tue 15-9-2009, 1200 UTC Remarks: 5f Contr: (Token)
4500.0	V24	Mode: AM Date/time: Tue 29-9-2009, 1200 UTC Remarks: 5f Contr: (Token)
4523	M89	Mode: CW Date/time: 26-9-2009, 1608 UTC Remarks: v qpzm qpzm qpzm de woxn woxn Contr: (RFP)
4524.5	M51	Mode: CW Date/time: 31-8-2009, 2115 UTC Remarks: French Mil morse training with 5LG messages Contr: (linkz)
4555	M45	Mode: CW Date/time: Tue 1-9-2009, 1802 UTC Remarks: 555-248/33=25073 4555 weak 4955 strong //4955 Contr: (HFD)
4585	M01b	Mode: CW Date/time: Fri 18-9-2009, 2010 UTC Remarks: 582-789/31 //3520 Contr: (HFD)
4586.0	M01a	Mode: CW Date/time: Tue 15-9-2009, 1850 UTC Remarks: (1850)492(x3) 32991(x2) (1852) 111 999 111 348 3t= 14886 65345 63722...34453 744 Contr: (FMB)
4590	M01b	Mode: CW Date/time: Mon 7-9-2009, 1810 UTC Remarks: 420-789/31=12382 //3535 Contr: (HFD)
4590	M01b	Mode: CW Date/time: 21-9-2009, 1810 UTC Remarks: 420 789 789 31 31 Contr: (GD)
4605	M01b	Mode: CW Date/time: Thu 24-9-2009, 1832 UTC

		Remarks: 477 789 789 31 31 Contr: (GD)
4627.6	M51	Mode: CW Date/time: 16-9-2009, 0558 UTC Remarks: French MIL, CW training Contr: (Jon-FL)
4639.5	M51	Mode: CW Date/time: 14-9-2009, 2011 UTC Remarks: French Mil training Contr: (linkz)
4844.0	M01	Mode: CW Date/time: Tue 15-9-2009, 1755 UTC Remarks: (i.p.) 61862 685t8 = 774 4(?) 111 ttt Contr: (FMB)
4854	S21	Mode: USB Date/time: Tue 1-9-2009, 1842 UTC Remarks: 454-248/33=25073 4454 weak 4854 vy strong w/ msg //4454 Contr: (HFD)
4860	M89	Mode: CW Date/time: 26-9-2009, 1620 UTC Remarks: vvv q2m q2m q2m de nyz nyz Contr: (RFP)
4880	E10	Mode: USB Date/time: 15-9-2009, 1800 UTC Remarks: ULX2 Contr: (y255)
4952	S06	Mode: AM Date/time: Sat 19-9-2009, 1930 UTC Remarks: 274 0 Contr: (HFD)
4952	S06	Mode: AM Date/time: Sat 26-9-2009, 1930 UTC Remarks: 274 0 Contr: (HFD)
4952	S06?	Mode: USB Date/time: 19-9-2009, 1930 UTC Remarks: 247 00000, ends 1935 UTC Contr: (KK2)
4955	M45	Mode: CW Date/time: Tue 1-9-2009, 1802 UTC Remarks: 555-248/33=25073 4555 weak 4955 strong //4555 Contr: (HFD)
4990	G06	Mode: AM Date/time: 14-9-2009, 1800 UTC Remarks: 734 00000 Contr: (y255)
5020	M01	Mode: CW Date/time: Tue 1-9-2009, 2000 UTC Remarks: 463-266/30=12683 Contr: (HFD)
5039.0	M01	Mode: CW Date/time: Mon 28-9-2009, 1614 UTC Remarks: (i.p.)37195 = 4t1 25 ttt Contr:
5070	S06m	Mode: AM Date/time: Wed 23-9-2009, 1805 UTC Remarks: 471x3 00000 Contr: (GD)
5102	G06	Mode: AM Date/time: 16-9-2009, 1100 UTC Remarks: mysterious broken transmission. Contr: (y255)
5115.0	M94	Mode: MCW Date/time: Wed 9-9-2009, 1330 UTC Remarks: de 815 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Thu 10-9-2009, 1330 UTC Remarks: id 815 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Sun 20-9-2009, 1400 UTC Remarks: id 3539 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Mon 21-9-2009, 1400 UTC Remarks: id 3539 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Tue 22-9-2009, 1430 UTC Remarks: Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Tue 22-9-2009, 1430 UTC Remarks: Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Wed 23-9-2009, 1330 UTC Remarks: id 815 Contr: (Token)
5115.0	M94	Mode: MCW Date/time: Mon 28-9-2009, 1300 UTC

		Remarks: id 2010, w11 Contr: (Token)
5115.0	V24	Mode: AM Date/time: Fri 18-9-2009, 1530 UTC Remarks: 4f Contr: (Token)
5115.0	V24	Mode: AM Date/time: Fri 18-9-2009, 1530 UTC Remarks: 4f Contr: (Token)
5117.0	V02a	Mode: AM Date/time: Mon 14-9-2009, 0400 UTC Remarks: SSYL: Caught late. No IDs Contr: (westli)
5117.0	V02a	Mode: AM Date/time: Mon 21-9-2009, 0400 UTC Remarks: SSYL atencion: 54522 03400 75031 very weak. IDs questionable Contr: (westli)
5141	MX	Mode: CW Date/time: 4-9-2009, 0500 UTC Remarks: Channel marker "V" Contr: (BCI)
5149.0	E11	Mode: USB Date/time: Mon 14-9-2009, 0510 UTC Remarks: YL for "438/00", S9, strong signal. Contr: (PoRus)
5153.7	MXI	Mode: CW Date/time: 16-9-2009, 1804 UTC Remarks: Beacon "D" Contr: (MUK)
5153.9	MX	Mode: CW Date/time: 7-9-2009, 1450 UTC Remarks: Beacon "M" Contr: (token)
5179	E06	Mode: AM Date/time: 27-9-2009, 0141 UTC Remarks: Russian Man - om/ee starting w/ 759..759.. Contr: (linkz)
5186	E06	Mode: AM Date/time: Thu 3-9-2009, 2030 UTC Remarks: 891-687/15=86987 Contr: (HFD)
5197	E06	Mode: AM Date/time: Fri 4-9-2009, 2130 UTC Remarks: 634-556/15=78767 Contr: (HFD)
5201	M21	Mode: CW Date/time: 2-9-2009, 1827 UTC Remarks: PVO Russian Air Defense. 14LG tracking results of station ID 0 Contr: (FN)
5201	M21	Mode: CW Date/time: 2-9-2009, 1840 UTC Remarks: Russian Air Defense. ID 0. "=992240??0?????" Contr: (FN)
5201	M21	Mode: CW Date/time: 2-9-2009, 2010 UTC Remarks: PVO time strings Contr: (BCI)
5223.5	M21	Mode: CW Date/time: 25-9-2009, 1829 UTC Remarks: Russian tracking station. M21 variant. Messages like: "0105 1710 Contr: (FN)
5231	M51	Mode: CW Date/time: 4-9-2009, 2205 UTC Remarks: NR 08 S 02 20:20:15 1987 BT RNDAO AINNA CCNUI JBPNB ... Contr: (BCI)
5394.6	M51	Mode: CW Date/time: 14-9-2009, 2117 UTC Remarks: French Mil training Contr: (linkz)
5417.0	V02a	Mode: AM Date/time: Fri 18-9-2009, 0200 UTC Remarks: SSYL atencion: LSB 53511 48052 24022 Contr: (westli)
5417.0	V02a	Mode: AM Date/time: Fri 18-9-2009, 0209 UTC Remarks: (Already in progress. Missed callup. YL/SS) Contr: (MS)
5435	E10	Mode: USB Date/time: 16-9-2009, 1600 UTC

		Remarks: ART G21 NHNOQ MFYFV FVCDN MNMYF CJLJT SNVWN FZTMZ LSLAP ONGLH MI Contr: (y255)
5435	E10	Mode: USB Date/time: 16-9-2009, 1800 UTC Remarks: ART G18 IBVXH SEQND SCGRC AGZKS MNDWP HZKPM PHJRA DVPTS IJZWS AE Contr: (y255)
5435	G06	Mode: AM Date/time: 16-9-2009, 1300 UTC Remarks: 734 00000 Contr: (y255)
5442	G06	Mode: AM Date/time: Fri 25-9-2009, 1930 UTC Remarks: 947-821/15=87678 Contr: (HFD)
5442	G06	Mode: AM Date/time: 25-9-2009, 1930 UTC Remarks: 947 947 947 821 821 15 15 87678 45321 43679 09087 76753 12345 54 Contr: (MUK)
5447	M42	Mode: Baudot 200Bd/500Hz Date/time: 10-9-2009, 1925 UTC Remarks: DOSC/Intel? "... 00000++++++++++162)5761 00000++++++++++162" Contr: (ALF)
5459	M51	Mode: CW Date/time: 21-9-2009, 1905 UTC Remarks: Nr 29 S 21 21:05:07 1987 Contr: (GD)
5470	S06	Mode: AM Date/time: Fri 11-9-2009, 0610 UTC Remarks: 934 Contr: (HFD)
5475	M01	Mode: CW Date/time: Tue 15-9-2009, 1800 UTC Remarks: 463-205/30=00363 handgiven w/ errors Contr: (HFD)
5715.0	M94	Mode: MCW Date/time: Sat 12-9-2009, 1400 UTC Remarks: id 1014 Contr: (Token)
5715.0	M94	Mode: AM Date/time: Sun 13-9-2009, 1400 UTC Remarks: id 1014 W22 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Mon 14-9-2009, 1500 UTC Remarks: Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Tue 15-9-2009, 1500 UTC Remarks: id 958, W13 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Sun 20-9-2009, 1500 UTC Remarks: id 521 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Mon 21-9-2009, 1500 UTC Remarks: id 521 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Tue 22-9-2009, 1400 UTC Remarks: id 1014, W22 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Wed 23-9-2009, 1400 UTC Remarks: id 1014 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Thu 24-9-2009, 1300 UTC Remarks: id 1017, w27 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Fri 25-9-2009, 1300 UTC Remarks: id 1017, W27 Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Mon 28-9-2009, 1500 UTC Remarks: Many dropped chars Contr: (Token)
5715.0	M94	Mode: MCW Date/time: Tue 29-9-2009, 1500 UTC Remarks: id 958, w13 Contr: (Token)
5715.0	V24	Mode: AM Date/time: Thu 10-9-2009, 1430 UTC Remarks: 5f Contr: (Token)

5715.0 V24 Mode: AM Date/time: Fri 11-9-2009, 1430 UTC
Remarks: 5f, carrier was up very early, 14 minutes before audio started Contr: (Token)
5715.0 V24 Mode: AM Date/time: Fri 11-9-2009, 1530 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Sat 12-9-2009, 1530 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Tue 15-9-2009, 1600 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Wed 16-9-2009, 1400 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Wed 16-9-2009, 1600 UTC
Remarks: very weak, not 100% sure but believe 5f format Contr: (Token)
5715.0 V24 Mode: AM Date/time: Thu 17-9-2009, 1400 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Fri 18-9-2009, 1300 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Fri 18-9-2009, 1300 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Sat 19-9-2009, 1300 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Sat 19-9-2009, 1600 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Sun 20-9-2009, 1430 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Sun 20-9-2009, 1600 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Mon 21-9-2009, 1430 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Mon 28-9-2009, 1530 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Mon 28-9-2009, 1600 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Tue 29-9-2009, 1400 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Tue 29-9-2009, 1530 UTC
Remarks: 5f Contr: (Token)
5715.0 V24 Mode: AM Date/time: Tue 29-9-2009, 1600 UTC
Remarks: 5f Contr: (Token)
5745 G06 Mode: AM Date/time: 7-9-2009, 1807 UTC
Remarks: 734 00000 Contr: (RiN)
5758 XPA Mode: AM Date/time: Tue 1-9-2009, 2040 UTC
Remarks: msg Contr: (HFD)
5760 S06 Mode: AM Date/time: Tue 29-9-2009, 0700 UTC
Remarks: 374 0 Contr: (HFD)
5762.0 V02a Mode: AM Date/time: Sat 12-9-2009, 0200 UTC
Remarks: SSYL atencion: 73282 .... LSB. Caught at

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                beginning of first msg.  Contr: (westli)
 5762.0    V02a    Mode: AM  Date/time: Sat 26-9-2009, 0200 UTC
                   Remarks: SSYL atencion:  62041 84041 11722  Contr: (westli)
 5768.5    M51     Mode: CW  Date/time:  21-9-2009, 1958 UTC
                   Remarks: French Mil training w/ 5LGs (w/ spurious 5770.6)
                   Contr: (linkz)
 5773      E07a    Mode: AM  Date/time: Wed 2-9-2009, 2040 UTC
                   Remarks: 147 1-31691  Contr: (HFD)
 5783      S06     Mode: AM  Date/time: Sat 19-9-2009, 1605 UTC
                   Remarks: 969 0  Contr: (HFD)
 5800      M08d    Mode: CW  Date/time: Thu 24-9-2009, 0619 UTC
                   Remarks: Second Call 35052  Contr: (GD)
 5800.0    M08a    Mode: MCW  Date/time: Tue 1-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  58641 68232 56312  up 2 min early.
                   Contr: (westli)
 5800.0    M08a    Mode: MCW  Date/time: Tue 1-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  76052 65021 35812  Contr: (westli)
 5800.0    M08a    Mode: MCW  Date/time: Thu 3-9-2009, 0600 UTC
                   Remarks: 5f cut nums: too weak to copy.  Unusual for this
                   sked.  Contr: (westli)
 5800.0    M08a    Mode: MCW  Date/time: Sat 5-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  01222 50552 61651  Contr: (westli)
 5800.0    M08a    Mode: MCW  Date/time: Sat 5-9-2009, 0600 UTC
                   Remarks: 01222 50552 61651  Contr: (BS3)
 5800.0    M08a    Mode: MCW  Date/time: Mon 7-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  76372 51632 51881  weak  Contr:
                   (westli)
 5800.0    M08a    Mode: MCW  Date/time: Thu 10-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  58271 32781 81282  weak  Contr:
                   (westli)
 5800.0    M08a    Mode: MCW  Date/time: Sat 12-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  50532 64041 68516  weak.  IDs 2-3
                   questionable.  Contr: (westli)
 5800.0    M08a    Mode: MCW  Date/time: Tue 15-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  81202 57612 47472  Contr: (westli)
 5800.0    M08a    Mode: MCW  Date/time: Thu 17-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  14761 75852 77041  Contr: (westli)
 5800.0    M08a    Mode: MCW  Date/time: Mon 21-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  ..... 23461 .....    caught late,
already
                    in progress.  Contr: (westli)
 5800.0    M08a    Mode: MCW  Date/time: Tue 22-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  34481 80042 13101  Contr: (westli)
 5800.0    M08a    Mode: MCW  Date/time: Thu 24-9-2009, 0600 UTC
                   Remarks: 5f cut nums:  35052 40251 72041  Contr: (westli)
 5800.0    M08a    Mode: MCW  Date/time: Sat 26-9-2009, 0600 UTC
                   Remarks: 86221 64351 41611  Contr: (MS)
 5800.0    M08a    Mode: MCW  Date/time: Sat 26-9-2009, 0600 UTC
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		Remarks: 5f cut nums: 64351 41611 86221 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Mon 28-9-2009, 0600 UTC
		Remarks: 51521 33132 95511 Contr: (BS3)
5800.0	M08a	Mode: MCW Date/time: Mon 28-9-2009, 0600 UTC
		Remarks: 5f cut nums: 33132 95511 51521 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Tue 29-9-2009, 0600 UTC
		Remarks: 65461 54261 11461 Contr: (MS)
5800.0	M08a	Mode: MCW Date/time: Tue 29-9-2009, 0600 UTC
		Remarks: 5f cut nums: 54261 11461 65461 Contr: (westli)
5805	S06	Mode: AM Date/time: Tue 22-9-2009, 1240 UTC
		Remarks: 278 Contr: (HFD)
5810	M01b	Mode: CW Date/time: Fri 4-9-2009, 1515 UTC
		Remarks: 158-419/31=77506 Contr: (HFD)
5810	M08d	Mode: CW Date/time: Fri 25-9-2009, 0620 UTC
		Remarks: IP Last ID 20822 Contr: (GD)
5810.0	M08a	Mode: MCW Date/time: Fri 4-9-2009, 0500 UTC
		Remarks: 5f cut nums: Up late. Caught late. No IDs noted. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 4-9-2009, 0600 UTC
		Remarks: 5f cut nums: Caught late. No IDs noted Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 6-9-2009, 0600 UTC
		Remarks: 5f cut nums: 02241 80122 54811 Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 13-9-2009, 0600 UTC
		Remarks: 5f cut nums: 51883 41512 4371. very weak. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 13-9-2009, 0600 UTC
		Remarks: 51883 45412 43712 Contr: (MS)
5810.0	M08a	Mode: MCW Date/time: Sun 20-9-2009, 0600 UTC
		Remarks: 5f cut nums: 02482 34801 65482 Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Wed 23-9-2009, 0700 UTC
		Remarks: 5f cut nums: caught late already passing msg. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 25-9-2009, 0500 UTC
		Remarks: 5f cut nums: ..... 85282 41801 Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 27-9-2009, 0600 UTC
		Remarks: 5f cut nums: 28101 01132 10782 Contr: (westli)
5810.0	SK01	Mode: AM Date/time: Wed 2-9-2009, 0600 UTC
		Remarks: RDFT File 49263851.txt 971 bytes Contr: (BS3)
5810.0	SK01	Mode: AM Date/time: Wed 30-9-2009, 0600 UTC
		Remarks: RDFT 45149386.txt 271 bytes Contr: (BS3)
5829	M12	Mode: CW Date/time: Thu 10-9-2009, 0340 UTC
		Remarks: 890 1 Contr: (HFD)
5873	M21	Mode: CW Date/time: 2-9-2009, 1829 UTC
		Remarks: Russian Air Defense. ID 9. "=992229??8?????" and some tracking res Contr: (FN)
5873	M21	Mode: CW Date/time: 2-9-2009, 1829 UTC
		Remarks: PVO Russian Air Defense. 14LG tracking results of

		station ID 8 Contr: (FN)
5873	M21	Mode: CW Date/time: 4-9-2009, 2300 UTC Remarks: PVO time strings Contr: (BCI)
5883	V02a	Mode: AM Date/time: Thu 24-9-2009, 0700 UTC Remarks: Attn 84458 22142 51541 Contr: (GD)
5883	V02a	Mode: CW Date/time: Fri 25-9-2009, 0700 UTC Remarks: Attn 21612 04539 64572 Contr: (GD)
5883.0	SK01	Mode: AM Date/time: Tue 1-9-2009, 0745 UTC Remarks: RDFT File 28142349.txt 351 bytes Contr: (BS3)
5883.0	SK01	Mode: AM Date/time: Fri 4-9-2009, 0740 UTC Remarks: RDFT File 28908006.txt 351 bytes Contr: (BS3)
5883.0	SK01	Mode: AM Date/time: Sat 5-9-2009, 0740 UTC Remarks: RDFT File 28908006.txt 351 bytes Contr: (BS3)
5883.0	SK01	Mode: AM Date/time: Sun 6-9-2009, 0720 UTC Remarks: (RDFT. Not sure if this sked started as V2a like yesterday.) Contr: (MS)
5883.0	SK01	Mode: AM Date/time: Sun 6-9-2009, 0745 UTC Remarks: RDFT File 28908006.txt 351 bytes Contr: (BS3)
5883.0	V02a	Mode: AM Date/time: Tue 1-9-2009, 0700 UTC Remarks: SSYL: up late already passing msg. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 1-9-2009, 0700 UTC Remarks: SSYL atencion: 13441 64482 45171 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 3-9-2009, 0700 UTC Remarks: SSYL atencion: 27541 61431 08712 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 4-9-2009, 0700 UTC Remarks: SSYL atencion: 12591 57621 88342 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 5-9-2009, 0700 UTC Remarks: SSYL atencion: 12592 26342 38081 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 5-9-2009, 0700 UTC Remarks: A 12592 20441 16622 (YL/SS. At 0717z V2a ceased in mid-message and SK01 began R Contr: (MS)
5883.0	V02a	Mode: AM Date/time: Sun 6-9-2009, 0700 UTC Remarks: SSYL: Up late already passing msg. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Mon 7-9-2009, 0700 UTC Remarks: SSYL atencion: 58712 58211 12131 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 8-9-2009, 0700 UTC Remarks: A 32681 87652 25601 (YL/SS) Contr: (MS)
5883.0	V02a	Mode: AM Date/time: Tue 8-9-2009, 0700 UTC Remarks: A 32681 87652 25601 (YL/SS) Contr: (MS)
5883.0	V02a	Mode: AM Date/time: Thu 10-9-2009, 0700 UTC Remarks: SSYL: weak,blocked,ugly Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 11-9-2009, 0700 UTC Remarks: SSYL atencion: 60101 28262 21211 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 12-9-2009, 0700 UTC Remarks: SSYL atencion: 87222 77342 67062 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 13-9-2009, 0700 UTC Remarks: SSYL: 76582 .... faded in preparing 1st msg.

Contr: (westli)

5883.0	V02a	Mode: AM Date/time: Sun 13-9-2009, 0700 UTC Remarks: A 76582 87802 82281 (YL/SS) Contr: (MS)
5883.0	V02a	Mode: AM Date/time: Tue 15-9-2009, 0700 UTC Remarks: SSYL atencion: 35062 41211 60021 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 17-9-2009, 0700 UTC Remarks: SSYL atencion: 54001 12421 35131 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 18-9-2009, 0700 UTC Remarks: SSYL atencion: 50711 52522 32162 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 18-9-2009, 0700 UTC Remarks: A 50711 52522 32162 (YL/SS) Contr: (MS)
5883.0	V02a	Mode: AM Date/time: Sat 19-9-2009, 0700 UTC Remarks: SSYL atencion: 84022 35052 57581 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 22-9-2009, 0700 UTC Remarks: SSYL atencion: 03782 74471 24622 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 24-9-2009, 0700 UTC Remarks: SSYL atencion: 84451 26142 51541 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 26-9-2009, 0700 UTC Remarks: A 80651 20622 60142 (YL/SS) Contr: (MS)
5883.0	V02a	Mode: AM Date/time: Sat 26-9-2009, 0700 UTC Remarks: SSYL atencion: 80651 20622 60142 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 27-9-2009, 0700 UTC Remarks: SSYL: up late already passing msg. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 29-9-2009, 0700 UTC Remarks: SSYL atencion: 44811 64232 38612 Contr: (westli)
5893	M12	Mode: CW Date/time: Thu 10-9-2009, 2200 UTC Remarks: 785 0 Contr: (HFD)
5898.0	?	Mode: AM Date/time: Tue 8-9-2009, 0800 UTC Remarks: (Carrier up, but no xmsn.) Contr: (MS)
5898.0	?	Mode: AM Date/time: Tue 8-9-2009, 0800 UTC Remarks: Contr: (MS)
5898.0	M08a	Mode: MCW Date/time: Tue 1-9-2009, 0500 UTC Remarks: TFC up late Contr: (BS3)
5898.0	M08a	Mode: MCW Date/time: Tue 1-9-2009, 0500 UTC Remarks: 5f cut nums: .6641 late. Cuts in just before 1st msg. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 5-9-2009, 0500 UTC Remarks: TFC up late Contr: (BS3)
5898.0	M08a	Mode: MCW Date/time: Sat 5-9-2009, 0500 UTC Remarks: 5f cut nums: Up late already passing msg, as usual. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 7-9-2009, 0500 UTC Remarks: 5f cut nums: up late already passing msg. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 10-9-2009, 0500 UTC Remarks: 5f cut nums: weak. Up late, already passing msg. Contr: (westli)

5898.0	M08a	Mode: MCW Date/time: Sat 12-9-2009, 0500 UTC Remarks: 5f cut nums: caught late. No IDs heard. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 17-9-2009, 0500 UTC Remarks: 5f cut nums: Up late, caught late. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 19-9-2009, 0500 UTC Remarks: 5f cut nums: 38610 18551 234.. up late, weak. IDs questionable. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 21-9-2009, 0500 UTC Remarks: 5f cut nums: .... 01411 Up late, already in progress Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 22-9-2009, 0500 UTC Remarks: 5f cut nums: ..... 80042 ..... caught late. Already in progress. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 22-9-2009, 0500 UTC Remarks: Contr: (agBr)
5898.0	M08a	Mode: MCW Date/time: Thu 24-9-2009, 0500 UTC Remarks: 5f cut nums: Up late. No IDs heard. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 28-9-2009, 0500 UTC Remarks: 5f cut nums: Up late. Stopped sending for a few min at 0507z then continued. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 29-9-2009, 0500 UTC Remarks: 5f cut nums: 65461 54261 11461 Contr: (westli)
5898.0	SK01	Mode: AM Date/time: Tue 1-9-2009, 0845 UTC Remarks: RDFT File 28142349.txt 351 bytes Contr: (BS3)
5898.0	SK01	Mode: AM Date/time: Fri 4-9-2009, 0845 UTC Remarks: RDFT File 28908006.txt 351 bytes Contr: (BS3)
5898.0	SK01	Mode: AM Date/time: Sat 5-9-2009, 0840 UTC Remarks: RDFT File 28908006.txt 351 bytes Contr: (BS3)
5898.0	SK01	Mode: AM Date/time: Sun 6-9-2009, 0845 UTC Remarks: RDFT File 28908006.txt 351 bytes Contr: (BS3)
5898.0	SK01	Mode: AM Date/time: Mon 21-9-2009, 0800 UTC Remarks: (RDFT. Should be on 8186m now.) Contr: (MS)
5898.0	V02a	Mode: AM Date/time: Tue 1-9-2009, 0800 UTC Remarks: SSYL atencion: 05222 42242 34732 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 3-9-2009, 0800 UTC Remarks: SSYL atencion: 27541 61431 08712 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 4-9-2009, 0800 UTC Remarks: SSYL atencion: 12591 63222 67331 weak Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 5-9-2009, 0800 UTC Remarks: A 12592 20441 16622 (YL/SS. At some point, V2a ceased in mid-message and SK01 b Contr: (MS)
5898.0	V02a	Mode: AM Date/time: Sat 5-9-2009, 0800 UTC Remarks: SSYL atencion: 12592 20441 16622 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 6-9-2009, 0800 UTC Remarks: A 73042 47282 33561 (YL/SS. At 0814z V2a

		ceased in mid-message and SK01 began R Contr: (MS)
5898.0	V02a	Mode: AM Date/time: Sun 6-9-2009, 0800 UTC
		Remarks: SSYL atencion: 73042 47282 33561 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Mon 7-9-2009, 0800 UTC
		Remarks: SSYL atencion: 18031 71051 44321 weak Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 10-9-2009, 0800 UTC
		Remarks: A 02021 28561 13501 (YL/SS) Contr: (MS)
5898.0	V02a	Mode: AM Date/time: Thu 10-9-2009, 0800 UTC
		Remarks: SSYL atencion: 02021 28561 13501 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 12-9-2009, 0800 UTC
		Remarks: SSYL atencion: 87222 77342 67062 weak. Heavy QRM. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Mon 14-9-2009, 0800 UTC
		Remarks: SSYL: Caught late. No IDs heard. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Tue 15-9-2009, 0800 UTC
		Remarks: SSYL atencion: 35062 41211 60021 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 18-9-2009, 0816 UTC
		Remarks: YL/SS Atencion In Progress, Weak and fading. Contr: (TLA)
5898.0	V02a	Mode: AM Date/time: Sat 19-9-2009, 0800 UTC
		Remarks: SSYL atencion: 84022 35052 57581 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 19-9-2009, 0800 UTC
		Remarks: A 84022 35052 57581 (YL/SS) Contr: (MS)
5898.0	V02a	Mode: AM Date/time: Sun 20-9-2009, 0800 UTC
		Remarks: A 12511 24722 17082 (YL/SS) Contr: (MS)
5898.0	V02a	Mode: AM Date/time: Sun 20-9-2009, 0800 UTC
		Remarks: SSYL atencion: 12511 24722 17082 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Tue 22-9-2009, 0800 UTC
		Remarks: SSYL atencion: 03782 74471 24622 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 24-9-2009, 0800 UTC
		Remarks: SSYL atencion: 84451 26142 51541 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 25-9-2009, 0800 UTC
		Remarks: SSYL atencion: 21612 04531 64572 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 26-9-2009, 0800 UTC
		Remarks: SSYL atencion: 80651 20622 60142 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 26-9-2009, 0800 UTC
		Remarks: A 80651 20622 60142 (YL/SS) Contr: (MS)
5898.0	V02a	Mode: AM Date/time: Sun 27-9-2009, 0800 UTC
		Remarks: SSYL atencion: 60771 15811 64812 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 27-9-2009, 0800 UTC
		Remarks: A 60771 15811 64812 (YL/SS) Contr: (MS)
5898.0	V02a	Mode: AM Date/time: Tue 29-9-2009, 0800 UTC
		Remarks: SSYL atencion: 44811 64232 38612 Contr: (westli)
5929	M12a	Mode: CW Date/time: 24-9-2009, 0340 UTC
		Remarks: 890 2 634 175 69187. Second Message: 835 185 95519 Contr: (SGC)
5930.0	SK01	Mode: AM Date/time: Tue 1-9-2009, 0930 UTC

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                Remarks: RDFT File 41884811.txt 1024 bytes  Contr: (BS3)
5930.0    SK01  Mode: AM  Date/time: Sat 5-9-2009, 0930 UTC
                Remarks: RDFT File 25112847.txt 1024 bytes  Contr: (BS3)
5930.0    SK01  Mode: AM  Date/time: Thu 10-9-2009, 0930 UTC
                Remarks: (RDFT)  Contr: (MS)
5930.0    SK01  Mode: AM  Date/time: Sat 19-9-2009, 0930 UTC
                Remarks: (RDFT)  Contr: (MS)
5930.0    SK01  Mode: AM  Date/time: Tue 22-9-2009, 0930 UTC
                Remarks: (RDFT)  Contr: (MS)
5930.0    SK01  Mode: AM  Date/time: Sat 26-9-2009, 0930 UTC
                Remarks: (RDFT)  Contr: (MS)
5934      G06   Mode: AM  Date/time: Thu 24-9-2009, 1830 UTC
                Remarks: 579 787 787 15 15  Contr: (GD)
5935      G06   Mode: AM  Date/time: Fri 25-9-2009, 1830 UTC
                Remarks: 579  Contr: (HFD)
5935      M01b  Mode: CW  Date/time: Thu 24-9-2009, 1505 UTC
                Remarks: 159 ??? ??? ?? ??  Contr: (GD)
5947      SK01  Mode: RDFT  Date/time:  29-9-2009, 0900 UTC
                Remarks:   Contr: (westli)
5947      SK01  Mode: RDFT  Date/time:  29-9-2009, 0916 UTC
                Remarks:   Contr: (westli)
5947.0    SK01  Mode: AM  Date/time: Sat 5-9-2009, 0900 UTC
                Remarks: RDFT File 25112847.txt 1024 bytes  Contr: (BS3)
5947.0    SK01  Mode: AM  Date/time: Thu 10-9-2009, 0900 UTC
                Remarks: (RDFT)  Contr: (MS)
5947.0    SK01  Mode: AM  Date/time: Sat 19-9-2009, 0900 UTC
                Remarks: (RDFT)  Contr: (MS)
5947.0    SK01  Mode: AM  Date/time: Tue 22-9-2009, 0900 UTC
                Remarks: (RDFT) (Signal is very weak.)  Contr: (MS)
5947.0    SK01  Mode: AM  Date/time: Sat 26-9-2009, 0900 UTC
                Remarks: (RDFT)  Contr: (MS)
5947.0    SK01  Mode: AM  Date/time: Tue 29-9-2009, 0900 UTC
                Remarks: RDFT no decode  Contr: (BS3)
6215.0    V24   Mode: AM  Date/time: Thu 10-9-2009, 1600 UTC
                Remarks: 4f  Contr: (Token)
6215.0    V24   Mode: AM  Date/time: Fri 11-9-2009, 1330 UTC
                Remarks: 5f  Contr: (Token)
6215.0    V24   Mode: AM  Date/time: Sat 12-9-2009, 1330 UTC
                Remarks: 5f  Contr: (Token)
6215.0    V24   Mode: AM  Date/time: Tue 15-9-2009, 1530 UTC
                Remarks: 5f  Contr: (Token)
6215.0    V24   Mode: AM  Date/time: Wed 16-9-2009, 1500 UTC
                Remarks: 5f  Contr: (Token)
6215.0    V24   Mode: AM  Date/time: Wed 16-9-2009, 1530 UTC
                Remarks: 5f  Contr: (Token)
6215.0    V24   Mode: AM  Date/time: Thu 17-9-2009, 1500 UTC
                Remarks: 5f  Contr: (Token)
6215.0    V24   Mode: AM  Date/time: Fri 18-9-2009, 1400 UTC
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Remarks: 4f Contr: (Token)
6215.0 V24 Mode: AM Date/time: Fri 18-9-2009, 1400 UTC
Remarks: 4f Contr: (Token)
6215.0 V24 Mode: AM Date/time: Sat 19-9-2009, 1400 UTC
Remarks: 4f Contr: (Token)
6215.0 V24 Mode: AM Date/time: Tue 22-9-2009, 1230 UTC
Remarks: 5f Contr: (Token)
6215.0 V24 Mode: AM Date/time: Wed 23-9-2009, 1230 UTC
Remarks: 5f Contr: (Token)
6215.0 V24 Mode: AM Date/time: Fri 25-9-2009, 1600 UTC
Remarks: 4f Contr: (Token)
6215.0 V24 Mode: AM Date/time: Sat 26-9-2009, 1600 UTC
Remarks: 4f Contr: (Token)
6215.0 V24 Mode: AM Date/time: Mon 28-9-2009, 1330 UTC
Remarks: 5f Contr: (Token)
6250.0 XSL Mode: USB Date/time: Thu 24-9-2009, 1620 UTC
Remarks: Slot machine in progress. Weak behind broadcast station on same freq. (1720 UTC Contr: (CU)
6250.0 XSL Mode: USB Date/time: Thu 24-9-2009, 1720 UTC
Remarks: Slot machine in progress. Weak behind broadcast station on same freq. Contr: (CU)
6261 M01 Mode: CW Date/time: Fri 19-9-2009, 1500 UTC
Remarks: 463 Contr: (HFD)
6397 E11a Mode: USB Date/time: 15-9-2009, 0605 UTC
Remarks: 514/35 etc Contr: (GD)
6445.0 XSL Mode: USB Date/time: Thu 24-9-2009, 1635 UTC
Remarks: Slot machine in progress // 6250 Contr: (CU)
6464 S06 Mode: AM Date/time: Tue 29-9-2009, 1500 UTC
Remarks: 537 0 Contr: (HFD)
6464 S06 Mode: AM Date/time: 29-9-2009, 1500 UTC
Remarks: 537 00000 Contr: (MUK)
6498.0 E10 Mode: USB Date/time: Thu 24-9-2009, 1635 UTC
Remarks: In progress. Contr: (CU)
6508 M01 Mode: CW Date/time: Sun 20-9-2009, 0700 UTC
Remarks: 463 0 Contr: (HFD)
6524 M03 Mode: CW Date/time: 28-8-2009, 1045 UTC
Remarks: 761/32 Contr: (ALF)
6730.0 V24 Mode: AM Date/time: Tue 15-9-2009, 1330 UTC
Remarks: 5f Contr: (Token)
6730.0 V24 Mode: AM Date/time: Tue 15-9-2009, 1430 UTC
Remarks: 5f Contr: (Token)
6730.0 V24 Mode: AM Date/time: Wed 16-9-2009, 1430 UTC
Remarks: 5f Contr: (Token)
6730.0 V24 Mode: AM Date/time: Thu 24-9-2009, 1600 UTC
Remarks: 5f Contr: (Token)
6730.0 V24 Mode: AM Date/time: Fri 25-9-2009, 1430 UTC
Remarks: 5f Contr: (Token)
6730.0 V24 Mode: AM Date/time: Fri 25-9-2009, 1620 UTC

		Remarks: 5f Contr: (Token)
6730.0	V24	Mode: AM Date/time: Sat 26-9-2009, 1430 UTC Remarks: 5f Contr: (Token)
6768.0	V02a	Mode: AM Date/time: Tue 1-9-2009, 0400 UTC Remarks: SSYL atencion: 88712 78331 18752 Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Mon 7-9-2009, 0400 UTC Remarks: SSYL atencion: 95851 40342 63731 Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Sat 12-9-2009, 0100 UTC Remarks: A 73282 67652 41231 (YL/SS) (Garbled voice.) Contr: (MS)
6768.0	V02a	Mode: AM Date/time: Sat 12-9-2009, 0100 UTC Remarks: SSYL atencion: 73282 67652 45231 LSB Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Mon 14-9-2009, 0400 UTC Remarks: SSYL: 56632 .... Caught preparing 1st msg. Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Mon 21-9-2009, 0400 UTC Remarks: SSYL: Up late, no IDs heard. Sig drops out at 0405z Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Sat 26-9-2009, 0100 UTC Remarks: SSYL atencion: 62041 84041 11722 Contr: (westli)
6776	M42	Mode: Baudot 50/500 Date/time: 17-9-2009, 0326 UTC Remarks: Russian Gov/Intel. 5FGs with =50= separator, end "-0327" into CW Contr: (ALF)
6782	M12	Mode: CW Date/time: Tue 1-9-2009, 0500 UTC Remarks: 749 1 Contr: (HFD)
6786.0	M08a	Mode: MCW Date/time: Thu 3-9-2009, 1900 UTC Remarks: 65062 73121 13822 Contr: (BS3)
6793	M12	Mode: CW Date/time: Thu 10-9-2009, 2100 UTC Remarks: 785 0 Contr: (HFD)
6802	M12	Mode: CW Date/time: Wed 2-9-2009, 1720 UTC Remarks: 463 1 Contr: (HFD)
6802	M12	Mode: CW Date/time: Mon 7-9-2009, 1820 UTC Remarks: 463 1 Contr: (HFD)
6804	E11a	Mode: USB Date/time: 15-9-2009, 0535 UTC Remarks: 634/30 etc Contr: (GD)
6806	M12	Mode: CW Date/time: 24-9-2009, 0637 UTC Remarks: In progress. Ended at 0638 with 15494 000 000 Contr: (RiN)
6809	MX	Mode: CW Date/time: 10-9-2009, 2030 UTC Remarks: Channel marker "V" Contr: (TJ)
6809	MX	Mode: CW Date/time: 22-9-2009, 1614 UTC Remarks: Channel marker "V" Contr: (TJ)
6830	S06	Mode: AM Date/time: Mon 7-9-2009, 1610 UTC Remarks: 176 Contr: (HFD)
6840	E10	Mode: AM Date/time: 5-9-2009, 1603 UTC Remarks: EZI2 Contr: (KK2)
6840	E10	Mode: USB Date/time: 14-9-2009, 1900 UTC

		Remarks: EZI G22 LVRXP HZBAT TFKSU XPNVY FGDER EJPGO OQMOQ LEARU NRQSY RG Contr: (y255)
6840	E10	Mode: USB Date/time: 14-9-2009, 2000 UTC Remarks: EZI2 Contr: (y255)
6840	E10	Mode: USB Date/time: 15-9-2009, 1700 UTC Remarks: EZI2 Contr: (y255)
6840	E10	Mode: AM Date/time: 24-9-2009, 2001 UTC Remarks: EZI2 Contr: (MUK)
6840	E10	Mode: AM Date/time: 24-9-2009, 2001 UTC Remarks: EZI2 Contr: (MUK)
6840	M89	Mode: CW Date/time: 26-9-2009, 1620 UTC Remarks: vvv q2m q2m q2m de nyz nyz Contr: (RFP)
6840	M89	Mode: CW Date/time: 26-9-2009, 1822 UTC Remarks: VVV Q2M de NYZ. Off at 18:24 with long dash. Contr: (MPJ)
6854.0	M08a	Mode: CW Date/time: Wed 30-9-2009, 2200 UTC Remarks: 23631 54841 72562 Contr: (MS)
6855.0	M08a	Mode: MCW Date/time: Wed 30-9-2009, 2100 UTC Remarks: 23631 54841 72562 (This should have been a V2a sked. Ceased sending just before Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Tue 1-9-2009, 0300 UTC Remarks: SSYL atencion: 88712 78331 18752 Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Wed 2-9-2009, 2100 UTC Remarks: TFC up late Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Thu 3-9-2009, 2100 UTC Remarks: 76611 87441 03521 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Fri 4-9-2009, 2100 UTC Remarks: A 22121 50801 83222 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Sat 5-9-2009, 2100 UTC Remarks: 00072 80501 63442 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Mon 7-9-2009, 0300 UTC Remarks: A 90851 40342 63731 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Mon 7-9-2009, 0300 UTC Remarks: SSYL atencion: 95851 40342 63731 Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Mon 7-9-2009, 2100 UTC Remarks: (Carrier up, but no xmsn.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Tue 8-9-2009, 2100 UTC Remarks: A 66662 14312 13572 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 9-9-2009, 2100 UTC Remarks: A 68622 62212 33702 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Fri 11-9-2009, 2100 UTC Remarks: A 72331 54551 63881 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Mon 14-9-2009, 0300 UTC Remarks: SSYL: LSB. Already in progrss. Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Mon 14-9-2009, 2100 UTC Remarks: A 51471 54762 60121 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Tue 15-9-2009, 2100 UTC Remarks: A 83412 61182 03502 (YL/SS) Contr: (MS)

6855.0	V02a	Mode: AM Date/time: Wed 16-9-2009, 2100 UTC Remarks: A 00412 31331 77542 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Thu 17-9-2009, 2100 UTC Remarks: (Carrier up on time, but no xmsn by 2140z.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Mon 21-9-2009, 2100 UTC Remarks: A 01441 27222 30061 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Tue 22-9-2009, 2100 UTC Remarks: A 17351 65152 72122 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Wed 23-9-2009, 2100 UTC Remarks: A 57571 61281 57362 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Thu 24-9-2009, 2100 UTC Remarks: (Carrier present, but no xmsn heard by 2105z.) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Fri 25-9-2009, 2100 UTC Remarks: A 88601 35221 82532 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Sat 26-9-2009, 2100 UTC Remarks: A 11751 73282 51011 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Mon 28-9-2009, 2100 UTC Remarks: A 88832 45412 26501 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Tue 29-9-2009, 2100 UTC Remarks: (Carrier present on time, but no transmission sent.) Contr: (MS)
6889.5	M51	Mode: CW Date/time: 26-9-2009, 1754 UTC Remarks: NR 27 S 24 19:54:49 1987 = AMYNH QATZZ WWPAY ... Contr: (MPJ)
6893	E07	Mode: AM Date/time: Tue 29-9-2009, 0700 UTC Remarks: 841 1 Contr: (HFD)
6913	S06	Mode: AM Date/time: Sat 26-9-2009, 1600 UTC Remarks: 969 0 Contr: (HFD)
6921	M42	Mode: RTTY-ITA2/200/500 Date/time: 24-9-2009, 2315 UTC Remarks: Russian Gov/Intel. "... =80461 686155275285857156 =90762 6851318 Contr: (ALF)
6929	M12	Mode: CW Date/time: Thu 10-9-2009, 0400 UTC Remarks: 890 1 Contr: (HFD)
6929	M12a	Mode: CW Date/time: 24-9-2009, 0411 UTC Remarks: Due at 0400z did not start till 0411z. 890 2 634 175 69187. Seco Contr: (SGC)
6930	S06	Mode: AM Date/time: Tue 29-9-2009, 0715 UTC Remarks: 374 0 Contr: (HFD)
6933.0	SK01	Mode: AM Date/time: Sun 6-9-2009, 0700 UTC Remarks: (RDFT) Contr: (MS)
6933.0	V02a	Mode: AM Date/time: Sun 13-9-2009, 0700 UTC Remarks: A ..... 65131 34582 (YL/SS) (Already in progress.) Contr: (MS)
6933.0	V02a	Mode: AM Date/time: Sun 13-9-2009, 0800 UTC Remarks: SSYL: Up late, already passing msg. Contr: (westli)

6933.0	V02a	Mode: AM Date/time: Sun 20-9-2009, 0700 UTC Remarks: SSYL: 67252 .... Caught preparing to send 1st msg. Contr: (westli)
6933.0	V02a	Mode: AM Date/time: Sun 27-9-2009, 0700 UTC Remarks: SSYL atencion: 56832 84612 11181 Contr: (westli)
6971	XPA	Mode: AM Date/time: Tue 1-9-2009, 2020 UTC Remarks: msg Contr: (HFD)
6985	E06	Mode: AM Date/time: Tue 8-9-2009, 2100 UTC Remarks: 701 Contr: (HFD)
6985	E06	Mode: AM Date/time: Tue 15-9-2009, 2100 UTC Remarks: 701-648/75=34367 Contr: (HFD)
7000	M22	Mode: CW Date/time: 21-9-2009, 0335 UTC Remarks: 4XZ: Israeli Navy Haifa vvv-mkr Contr: (ALF)
7027.5	MX	Mode: CW Date/time: 31-8-2009, 2010 UTC Remarks: Channel marker "V" Contr:
7027.5	MX	Mode: CW Date/time: 5-9-2009, 2132 UTC Remarks: Channel marker "V" Contr: (AB)
7038.7	MXI	Mode: CW Date/time: 16-9-2009, 1800 UTC Remarks: Beacon "D" Contr: (MUK)
7038.9	MXI	Mode: CW Date/time: 16-9-2009, 1800 UTC Remarks: Beacon "S" Contr: (MUK)
7039	MXI	Mode: CW Date/time: 16-9-2009, 1800 UTC Remarks: Beacon "C" Contr: (MUK)
7242	S06	Mode: AM Date/time: 29-9-2009, 1510 UTC Remarks: 537 00000 Contr: (MUK)
7320	S06	Mode: AM Date/time: Tue 8-9-2009, 0800 UTC Remarks: 418-953/5=25628 Contr: (HFD)
7335	S06	Mode: AM Date/time: 16-9-2009, 0730 UTC Remarks: 745 980 980 6 6 Contr: (MUK)
7335	S06	Mode: AM Date/time: Wed 23-9-2009, 0730 UTC Remarks: 745 980 980 6 6 Contr: (GD)
7371	M12	Mode: CW Date/time: Fri 4-9-2009, 0500 UTC Remarks: 374 1 Contr: (HFD)
7385	S06	Mode: AM Date/time: Fri 25-9-2009, 1240 UTC Remarks: 314 Contr: (HFD)
7437	E07a	Mode: AM Date/time: Thu 3-9-2009, 0430 UTC Remarks: 411 1-31691-257/46 =60579 Contr: (HFD)
7473	E07a	Mode: AM Date/time: Wed 2-9-2009, 2020 UTC Remarks: 147 1-31691 Contr: (HFD)
7493	E07	Mode: AM Date/time: Tue 29-9-2009, 0720 UTC Remarks: 841 1 Contr: (HFD)
7519.0	M08a	Mode: CW Date/time: Fri 11-9-2009, 2200 UTC Remarks: (QRM blocks xmsn. Uncopiable.) Contr: (MS)
7519.0	M08a	Mode: CW Date/time: Mon 14-9-2009, 2200 UTC Remarks: 86072 43561 28151 (QRM heavy this freq.) Contr: (MS)
7519.0	M08a	Mode: CW Date/time: Wed 30-9-2009, 2200 UTC Remarks: (Too weak for copy here.) Contr: (MS)

7526	E07	Mode: AM Date/time: Thu 3-9-2009, 2030 UTC Remarks: 358 0 Contr: (HFD)
7542	M23	Mode: CW Date/time: 10-9-2009, 1800 UTC Remarks: 555 R10 Contr: (GD)
7542	M23	Mode: CW Date/time: 11-9-2009, 1803 UTC Remarks: 555 Contr: (JPL-AUS)
7542	M23	Mode: CW Date/time: 14-9-2009, 1800 UTC Remarks: 555 (R10) Contr: (JPL-SE)
7542	M23	Mode: CW Date/time: 23-9-2009, 1800 UTC Remarks: 666 (R10) Contr: (JPL)
7542	M23	Mode: CW Date/time: Wed 23-9-2009, 1800 UTC Remarks: 666 R10 Contr: (GD)
7542	M23	Mode: CW Date/time: 24-9-2009, 1800 UTC Remarks: 666 (R10) Contr: (JPL-NL)
7542	M23	Mode: CW Date/time: Thu 24-9-2009, 1800 UTC Remarks: 666 R10 Contr: (GD)
7554.0	M08a	Mode: CW Date/time: Tue 1-9-2009, 2000 UTC Remarks: 83232 57782 23372 Contr: (BS3)
7554.0	M08a	Mode: CW Date/time: Fri 4-9-2009, 2000 UTC Remarks: 61012 17631 43112 Contr: (BS3)
7598.9	M89	Mode: CW Date/time: 4-9-2009, 2332 UTC Remarks: v dkg6 dkg6 dkg6 de 3a7d 3a7d Contr: (linkz)
7795	S06	Mode: AM Date/time: Fri 11-9-2009, 0600 UTC Remarks: 196 Contr: (HFD)
7812	M42	Mode: Baudot 200Bd/500Hz Date/time: 27-8-2009, 2225 UTC Remarks: DOSC/Intel? "... =83515 10717593779256284)70416 4204500000++++ Contr: (ALF)
7880	S06	Mode: AM Date/time: Mon 14-9-2009, 2115 UTC Remarks: 961 0 Contr: (HFD)
7887.0	M08a	Mode: MCW Date/time: Wed 30-9-2009, 2000 UTC Remarks: 82001 33511 44651 (This should have been a V2a sked.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 2-9-2009, 2000 UTC Remarks: 74012 55381 65071 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Thu 3-9-2009, 2000 UTC Remarks: 16881 44651 70552 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Sat 5-9-2009, 2000 UTC Remarks: A 00072 80501 63442 Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sat 5-9-2009, 2000 UTC Remarks: 00072 80501 63442 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Sun 6-9-2009, 2000 UTC Remarks: A 55451 81432 83851 Contr: (DM)
7887.0	V02a	Mode: AM Date/time: Mon 7-9-2009, 2000 UTC Remarks: (Carrier up, but no xmsn.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Tue 8-9-2009, 2000 UTC Remarks: (Carrier up, but no xmsn.) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 9-9-2009, 2000 UTC Remarks: A 68622 62212 33702 (YL/SS) Contr: (MS)

7887.0 V02a Mode: AM Date/time: Thu 10-9-2009, 2000 UTC
Remarks: A 44701 26862 75641 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Fri 11-9-2009, 2000 UTC
Remarks: A ..... 54551 63881 (YL/SS) (Station up late and in progress at 2004z.) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Sat 12-9-2009, 2000 UTC
Remarks: A 86532 20802 40211 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Sun 13-9-2009, 2000 UTC
Remarks: A 77281 40201 64811 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Sun 13-9-2009, 2000 UTC
Remarks: SSYL atencion: .... 64831 Very very weak. Contr: (westli)
7887.0 V02a Mode: AM Date/time: Mon 14-9-2009, 2000 UTC
Remarks: A 51471 54762 60121 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Wed 16-9-2009, 2000 UTC
Remarks: A 00412 31331 77542 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Thu 17-9-2009, 2000 UTC
Remarks: (Carrier up on time, but no xmsn by 2030z.) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Sat 19-9-2009, 2000 UTC
Remarks: A 11001 17251 38721 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Sun 20-9-2009, 2000 UTC
Remarks: SSYL: Extremely weak Contr: (westli)
7887.0 V02a Mode: AM Date/time: Tue 22-9-2009, 2000 UTC
Remarks: A 17351 65152 72122 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Wed 23-9-2009, 2000 UTC
Remarks: A 57571 61281 57362 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Thu 24-9-2009, 2000 UTC
Remarks: A 45822 17172 64832 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Fri 25-9-2009, 2000 UTC
Remarks: A 88601 35221 82532 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Sat 26-9-2009, 2000 UTC
Remarks: A 11751 73282 51011 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Sun 27-9-2009, 2000 UTC
Remarks: A 07432 38322 85851 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Mon 28-9-2009, 2000 UTC
Remarks: A 88832 45412 26501 (YL/SS) Contr: (MS)
7887.0 V02a Mode: AM Date/time: Tue 29-9-2009, 2000 UTC
Remarks: A 18302 63361 50381 (YL/SS) Contr: (MS)
7913.5 M21 Mode: CW Date/time: 2-9-2009, 0915 UTC
Remarks: PVO Russian Air Defense. 14LG tracking results of station ID 9 Contr: (FN)
7913.5 M21 Mode: CW Date/time: 2-9-2009, 0915 UTC
Remarks: Russian Air Defense. ID 9. "=99?1315?9?????" and many tracking r Contr: (FN)
7918 E10 Mode: USB Date/time: 19-9-2009, 1946 UTC
Remarks: YHF Contr: (KK2)
7942 M12 Mode: CW Date/time: 7-9-2009, 0520 UTC

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                Remarks: 891 1 317 63 24757 52579 etc  Contr: (RiN)
7967      XPA   Mode: AM  Date/time:  8-9-2009, 1440 UTC
                Remarks: Starts msg 1442 ends at 1444  Contr: (GN2)
8009      M08a  Mode: CW  Date/time:  7-9-2009, 2336 UTC
                Remarks: in progress  Contr: (linkz)
8009.0    M08a  Mode: CW  Date/time: Thu 3-9-2009, 2200 UTC
                Remarks: 27161 48852 12001  Contr: (BS3)
8009.0    M08a  Mode: CW  Date/time: Wed 9-9-2009, 2300 UTC
                Remarks: 5f cut nums:  83262 27661 40531  Contr: (westli)
8009.0    M08a  Mode: CW  Date/time: Mon 14-9-2009, 2300 UTC
                Remarks: 86072 43561 28151  Contr: (MS)
8009.0    M08a  Mode: CW  Date/time: Mon 14-9-2009, 2300 UTC
                Remarks: 5f cut nums:  86072 43561 28151  Contr: (westli)
8009.0    M08a  Mode: CW  Date/time: Thu 17-9-2009, 2200 UTC
                Remarks: ..... 13432 68082 (Was keying xmtr until 2203z
                and xmsn began after first messag  Contr: (MS)
8009.0    M08a  Mode: CW  Date/time: Wed 23-9-2009, 2300 UTC
                Remarks: 5f cut nums:  80661 ..562 30681  Contr: (westli)
8009.0    M08a  Mode: CW  Date/time: Wed 23-9-2009, 2300 UTC
                Remarks: 80661 77562 30681  Contr: (MS)
8009.0    M08a  Mode: CW  Date/time: Wed 30-9-2009, 2300 UTC
                Remarks: 5f cut nums:  34511 01702 51082  Contr: (westli)
8029      M12   Mode: CW  Date/time: Thu 10-9-2009, 0420 UTC
                Remarks: 890 1  Contr: (HFD)
8029      M12a  Mode: CW  Date/time:  24-9-2009, 0446 UTC
                Remarks: Due at 0420z did not start till 0446z. 890 2 634 175
                 69187. Seco  Contr: (SGC)
8040      S06   Mode: AM  Date/time: Mon 7-9-2009, 1600 UTC
                Remarks: 176-420/5=76975  Contr: (HFD)
8040      S06   Mode: AM  Date/time:  21-9-2009, 1600 UTC
                Remarks: 176 894 894 5 5  Contr: (GD)
8047      M12   Mode: CW  Date/time: Wed 2-9-2009, 1700 UTC
                Remarks: 463 1  Contr: (HFD)
8047      M12   Mode: CW  Date/time: Mon 7-9-2009, 1800 UTC
                Remarks: 463 1  Contr: (HFD)
8047      M12   Mode: CW  Date/time: Tue 15-9-2009, 1600 UTC
                Remarks: 463 1  Contr: (HFD)
8047      M12   Mode: CW  Date/time:  21-9-2009, 1700 UTC
                Remarks: 463x3 1 6054 70 6054 70  Contr: (GD)
8047      M12   Mode: CW  Date/time:  21-9-2009, 1800 UTC
                Remarks: 463x3 1 4318 110 4318 110  Contr: (GD)
8047      M12   Mode: CW  Date/time: Wed 23-9-2009, 1700 UTC
                Remarks: 463x3 1 3927 71 3927 71  Contr: (GD)
8075      M42   Mode: RTTY-ITA2/200/500  Date/time:  25-9-2009, 1003 UTC
                Remarks: Russian Gov/Intel. "... =83043 48001447œ3769547
                ...".  Contr: (ALF)
8080.0    SK01  Mode: AM  Date/time: Tue 22-9-2009, 0900 UTC
                Remarks: (RDFT)  Contr: (MS)
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8094 M08a Mode: CW Date/time: 28-9-2009, 1820 UTC
Remarks: 5LGs Contr: (RP3)
8096.0 M08a Mode: CW Date/time: Wed 2-9-2009, 1300 UTC
Remarks: 80552 71511 18381 Contr: (BS3)
8096.0 M08a Mode: CW Date/time: Wed 2-9-2009, 1400 UTC
Remarks: 80552 71511 18381 Contr: (BS3)
8096.0 M08a Mode: CW Date/time: Fri 4-9-2009, 1300 UTC
Remarks: 15442 52741 75451 Contr: (BS3)
8096.0 M08a Mode: CW Date/time: Fri 4-9-2009, 1300 UTC
Remarks: (Too weak for copy) Contr: (MS)
8096.0 M08a Mode: CW Date/time: Fri 4-9-2009, 1400 UTC
Remarks: 15442 52741 75451 Contr: (BS3)
8096.0 M08a Mode: CW Date/time: Mon 7-9-2009, 1300 UTC
Remarks: 24521 37411 43762 Contr: (MS)
8096.0 M08a Mode: CW Date/time: Mon 7-9-2009, 1400 UTC
Remarks: 24521 37411 43762 Contr: (MS)
8096.0 M08a Mode: CW Date/time: Fri 11-9-2009, 1300 UTC
Remarks: 28602 58411 17282 Contr: (MS)
8096.0 M08a Mode: CW Date/time: Fri 11-9-2009, 1400 UTC
Remarks: 28602 58411 17282 Contr: (MS)
8096.0 M08a Mode: CW Date/time: Fri 18-9-2009, 1300 UTC
Remarks: 20662 4125. 0,,32 (Very weak and hard to copy.)
Contr: (MS)
8096.0 M08a Mode: CW Date/time: Fri 18-9-2009, 1400 UTC
Remarks: (Too weak for copy.) Contr: (MS)
8096.0 M08a Mode: CW Date/time: Wed 23-9-2009, 1300 UTC
Remarks: 63782 4250. 77341 (Very weak signal.) Contr: (MS)
8096.0 M08a Mode: CW Date/time: Mon 28-9-2009, 1300 UTC
Remarks: 15201 11631 00441 Contr: (BS3)
8096.0 M08a Mode: CW Date/time: Mon 28-9-2009, 1400 UTC
Remarks: 15201 11631 00441 Contr: (BS3)
8096.0 M08a Mode: CW Date/time: Wed 30-9-2009, 1300 UTC
Remarks: 51472 26532 18781 Contr: (MS)
8096.0 M08a Mode: CW Date/time: Wed 30-9-2009, 1400 UTC
Remarks: 51472 26532 18781 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Tue 1-9-2009, 1800 UTC
Remarks: 46311 18742 73232 Contr: (BS3)
8097.0 M08a Mode: MCW Date/time: Tue 1-9-2009, 1900 UTC
Remarks: 46311 18742 73232 Contr: (BS3)
8097.0 M08a Mode: MCW Date/time: Wed 2-9-2009, 1800 UTC
Remarks: 56251 87852 48481 Contr: (BS3)
8097.0 M08a Mode: MCW Date/time: Thu 3-9-2009, 1900 UTC
Remarks: 81762 62372 17381 Contr: (BS3)
8097.0 M08a Mode: MCW Date/time: Fri 4-9-2009, 1800 UTC
Remarks: 31161 30041 54651 Contr: (BS3)
8097.0 M08a Mode: MCW Date/time: Sat 5-9-2009, 1800 UTC
Remarks: 32471 42571 74572 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Sat 5-9-2009, 1800 UTC

Remarks: 32471 42571 74542 Contr: (BS3)
8097.0 M08a Mode: MCW Date/time: Sat 5-9-2009, 1900 UTC
Remarks: 32471 42571 74572 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Sat 5-9-2009, 1900 UTC
Remarks: 32471 42571 74542 Contr: (BS3)
8097.0 M08a Mode: MCW Date/time: Sun 6-9-2009, 1800 UTC
Remarks: 88271 01681 41151 Contr: (BS3)
8097.0 M08a Mode: MCW Date/time: Sun 6-9-2009, 1900 UTC
Remarks: 88271 01681 41151 Contr: (BS3)
8097.0 M08a Mode: MCW Date/time: Mon 7-9-2009, 1800 UTC
Remarks: ..... 54582 ..... (Came in late. Stn went silent at 1815z in second message. C Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Mon 7-9-2009, 1900 UTC
Remarks: (Carrier up, but no xmsn.) Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Tue 8-9-2009, 1800 UTC
Remarks: 66471 04721 56831 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Wed 9-9-2009, 1900 UTC
Remarks: 73332 14681 06062 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Thu 10-9-2009, 1800 UTC
Remarks: 06002 01851 48632 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Thu 10-9-2009, 1900 UTC
Remarks: 06002 01851 48632 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Fri 11-9-2009, 1800 UTC
Remarks: (Carrier up, but no xmsn.) Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Sat 12-9-2009, 1900 UTC
Remarks: 66282 71851 17802 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Sun 13-9-2009, 1800 UTC
Remarks: (Carrier up, but no xmsn by 1815z.) Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Sun 13-9-2009, 1900 UTC
Remarks: 5f cut nums: Very weak, faded in late. Contr: (westli)
8097.0 M08a Mode: MCW Date/time: Sun 13-9-2009, 1900 UTC
Remarks: ..... 56741 80702 (Came up late at 1904z already into first message.) Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Mon 14-9-2009, 1802 UTC
Remarks: 67402 23382 25471 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Mon 14-9-2009, 1900 UTC
Remarks: 67402 23382 25471 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Tue 15-9-2009, 1800 UTC
Remarks: 77062 48082 52002 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Tue 15-9-2009, 1900 UTC
Remarks: 77062 48082 52002 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Wed 16-9-2009, 1800 UTC
Remarks: (Carrier up, but no xmsn by 1825z.) Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Thu 17-9-2009, 1900 UTC
Remarks: 77882 47782 72402 Contr: (MS)
8097.0 M08a Mode: MCW Date/time: Fri 18-9-2009, 1900 UTC
Remarks: ..... 66632 33342 (Came up late at 1902z in first

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                message.)  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Sun 20-9-2009, 1900 UTC
                  Remarks: 41512 70571 87212  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Mon 21-9-2009, 1800 UTC
                  Remarks: 18262 51851 82502  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Tue 22-9-2009, 1800 UTC
                  Remarks: 34652 03361 04521  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Tue 22-9-2009, 1900 UTC
                  Remarks: 34652 03361 04521  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Wed 23-9-2009, 1800 UTC
                  Remarks: 80432 63881 47361  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Wed 23-9-2009, 1900 UTC
                  Remarks: 80432 63881 47361  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Thu 24-9-2009, 1800 UTC
                  Remarks: ..... 54132 48032 (Came up late and in progress.)
                  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Thu 24-9-2009, 1900 UTC
                  Remarks: 18632 54132 48032  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Fri 25-9-2009, 1800 UTC
                  Remarks: 83071 44321 03102  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Fri 25-9-2009, 1900 UTC
                  Remarks: 83071 44321 03102  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Sat 26-9-2009, 1800 UTC
                  Remarks: 16132 85172 74551  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Sat 26-9-2009, 1900 UTC
                  Remarks: 16132 85172 74551  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Sun 27-9-2009, 1800 UTC
                  Remarks: 60711 11731 03052  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Mon 28-9-2009, 1900 UTC
                  Remarks: 26062 25031 58801  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Tue 29-9-2009, 1800 UTC
                  Remarks: 06581 36412 68361  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Tue 29-9-2009, 1900 UTC
                  Remarks: 06581 36412 68361  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Wed 30-9-2009, 1800 UTC
                  Remarks: 12811 14851 52542 (Faint SK01 signal heard at
                  1769z.  This sked began sending at  Contr: (MS)
8097.0    M08a    Mode: MCW  Date/time: Wed 30-9-2009, 1900 UTC
                  Remarks: 12811 14851 52542  Contr: (MS)
8097.0    M81     Mode: MCW  Date/time: Mon 28-9-2009, 1800 UTC
                  Remarks: 26062 25031 58801  Contr: (MS)
8097.0    SK01    Mode: AM  Date/time: Mon 14-9-2009, 1800 UTC
                  Remarks: (RDFT) (Expected M8a here.  He showed at 1802z
                  and both xmtd until 1810z when SK  Contr: (MS)
8097.0    SK01    Mode: AM  Date/time: Fri 18-9-2009, 1800 UTC
                  Remarks: (RDFT.  Expected M8a here.)  Contr: (MS)
8121      M42     Mode: Baudot 100/500  Date/time:  4-9-2009, 0051 UTC
                  Remarks: DOCS/Intel. 5LGs  Contr: (linkz)
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8122      M12     Mode: CW  Date/time: Fri 4-9-2009, 0520 UTC
                  Remarks: 374 1  Contr: (HFD)
8135.0    M08a    Mode: CW  Date/time: Thu 3-9-2009, 2300 UTC
                  Remarks: 5f cut nums:      weak and fast  Contr: (westli)
8135.0    M08a    Mode: CW  Date/time: Thu 3-9-2009, 2300 UTC
                  Remarks: 27161 48852 12001  Contr: (BS3)
8135.0    M08a    Mode: CW  Date/time: Tue 8-9-2009, 2300 UTC
                  Remarks: 5f cut nums:      very weak and fast.  Contr: (westli)
8135.0    M08a    Mode: CW  Date/time: Tue 8-9-2009, 2300 UTC
                  Remarks: 84802 04021 18402  Contr: (MS)
8135.0    M08a    Mode: CW  Date/time: Tue 15-9-2009, 2300 UTC
                  Remarks: (In progress - I came into sked late.)  Contr: (MS)
8135.0    M08a    Mode: CW  Date/time: Tue 22-9-2009, 2300 UTC
                  Remarks: 5f cut nums:      very weak  Contr: (westli)
8135.0    M08a    Mode: CW  Date/time: Tue 22-9-2009, 2300 UTC
                  Remarks: 67882 62302 47882  Contr: (MS)
8135.0    M08a    Mode: CW  Date/time: Fri 25-9-2009, 2300 UTC
                  Remarks: 50082 51231 44401  Contr: (MS)
8135.0    M08a    Mode: CW  Date/time: Fri 25-9-2009, 2300 UTC
                  Remarks: 5f cut nums:  51231 44401 50082  Contr: (westli)
8135.0    M08a    Mode: CW  Date/time: Tue 29-9-2009, 2300 UTC
                  Remarks: (Came in late, missed callup.)  Contr: (MS)
8135.0    M08a    Mode: CW  Date/time: Tue 29-9-2009, 2300 UTC
                  Remarks: 5f cut nums:  22552 44311 83252  Contr: (westli)
8137      E07a    Mode: AM  Date/time: Thu 3-9-2009, 0450 UTC
                  Remarks: 411 1-31691  Contr: (HFD)
8150      E06     Mode: AM  Date/time: Tue 8-9-2009, 2000 UTC
                  Remarks: 701-382/60=40735  Contr: (HFD)
8150      E06     Mode: AM  Date/time: Tue 15-9-2009, 2000 UTC
                  Remarks: 701  Contr: (HFD)
8158      M12     Mode: CW  Date/time: Thu 3-9-2009, 0410 UTC
                  Remarks: 134 0  Contr: (HFD)
8158      M12     Mode: CW  Date/time:  24-9-2009, 0410 UTC
                  Remarks:   Contr: (SGC)
8173      E07a    Mode: AM  Date/time: Wed 2-9-2009, 2000 UTC
                  Remarks: 147 1-31691-257/46 =60579  Contr: (HFD)
8173      E07a    Mode: AM  Date/time: Wed 23-9-2009, 2000 UTC
                  Remarks: 147x3 000  Contr: (GD)
8180      M14     Mode: CW  Date/time:  4-9-2009, 2000 UTC
                  Remarks: 724 724 724 00000  Contr: (GD)
8180.0    ?       Mode: AM  Date/time: Tue 8-9-2009, 1000 UTC
                  Remarks: (Carrier up until 1003z, then silent.  Expected
                  SK01 on 8186m this hour, but no  Contr: (MS)
8180.0    SK01    Mode: AM  Date/time: Tue 1-9-2009, 0800 UTC
                  Remarks: RDFT File 14116774.txt 1024 bytes  Contr: (BS3)
8180.0    SK01    Mode: AM  Date/time: Tue 1-9-2009, 0900 UTC
                  Remarks: RDFT File 14116774.txt 1024 bytes  Contr: (BS3)
8180.0    SK01    Mode: AM  Date/time: Thu 3-9-2009, 0900 UTC
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		Remarks: RDFT no decode Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Tue 8-9-2009, 0900 UTC
		Remarks: (RDFT) Contr: (MS)
8180.0	SK01	Mode: AM Date/time: Thu 10-9-2009, 0800 UTC
		Remarks: (RDFT) Contr: (MS)
8180.0	SK01	Mode: AM Date/time: Thu 10-9-2009, 0900 UTC
		Remarks: (RDFT) Contr: (MS)
8180.0	SK01	Mode: AM Date/time: Tue 29-9-2009, 0800 UTC
		Remarks: RDFT File 35757483.txt 1024 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Tue 29-9-2009, 0900 UTC
		Remarks: RDFT File 35757483.txt 1024 bytes Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Tue 29-9-2009, 1000 UTC
		Remarks: RDFT no decodwe Contr: (BS3)
8180.0	SK01	Mode: AM Date/time: Tue 29-9-2009, 1000 UTC
		Remarks: (RDFT) Contr: (MS)
8180.0	V02a	Mode: AM Date/time: Tue 8-9-2009, 0800 UTC
		Remarks: SSYL: ..... 87652 ..... caught late. Distorted and noisy. Contr: (westli)
8180.0	V02a	Mode: AM Date/time: Tue 8-9-2009, 0800 UTC
		Remarks: A 32681 87652 25601 (YL/SS) (Expected on 5898m and SK01 here.) Contr: (MS)
8180.0	V02a	Mode: AM Date/time: Tue 8-9-2009, 0800 UTC
		Remarks: A 32681 87652 25601 (YL/SS) (Expected on 5898m and SK01 here.) Contr: (MS)
8180.0	V02a	Mode: AM Date/time: Tue 29-9-2009, 0800 UTC
		Remarks: SSYL: ..... 64232 ... caught late - expected SK01. Contr: (westli)
8186.0	SK01	Mode: AM Date/time: Tue 1-9-2009, 1000 UTC
		Remarks: RDFT File 75623354.txt 1024 bytes Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Wed 2-9-2009, 0800 UTC
		Remarks: RDFT File 56576511.txt 1024 bytes Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Thu 3-9-2009, 1000 UTC
		Remarks: RDFT File 25112847.txt 1024 bytes Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Sat 5-9-2009, 0800 UTC
		Remarks: RDFT no decode Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Sat 5-9-2009, 0800 UTC
		Remarks: (RDFT) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Tue 15-9-2009, 1000 UTC
		Remarks: (RDFT) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Sat 26-9-2009, 0800 UTC
		Remarks: (RDFT) Contr: (MS)
8186.0	SK01	Mode: AM Date/time: Mon 28-9-2009, 0800 UTC
		Remarks: RDFT File 65172142.txt 1024 bytes Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Wed 30-9-2009, 0800 UTC
		Remarks: RDFT no decode very weak Contr: (BS3)
8186.0	SK01	Mode: AM Date/time: Wed 30-9-2009, 0800 UTC
		Remarks: (RDFT) Contr: (MS)
8186.0	V02a	Mode: AM Date/time: Tue 8-9-2009, 0800 UTC

		Remarks: SSYL: caught late (0830z), weak and blocked. Contr: (westli)
8186.0	V02a	Mode: AM Date/time: Mon 21-9-2009, 0800 UTC Remarks: A 61562 88772 52321 (YL/SS. Should be on 5898m now.) Contr: (MS)
8186.0	V02a	Mode: AM Date/time: Fri 25-9-2009, 0800 UTC Remarks: SSYL: Picked up at 0840z simulcasting with 5898kHz sked. Contr: (westli)
8186.0	V02a	Mode: AM Date/time: Tue 29-9-2009, 0800 UTC Remarks: SSYL: caught late - expected SK01. No IDs hrd. Contr: (westli)
8193	E07	Mode: AM Date/time: Tue 29-9-2009, 0740 UTC Remarks: 841 0 Contr: (HFD)
8270	S06	Mode: AM Date/time: Wed 2-9-2009, 1910 UTC Remarks: 371 Contr: (HFD)
8270	S06a	Mode: AM Date/time: 23-9-2009, 1913 UTC Remarks: Most unusual message tonight from S06 slow (YL) with a stutter g Contr: (RiN)
8350	M08a	Mode: CW Date/time: 29-9-2009, 2140 UTC Remarks: 5LG's Contr: (RP3)
8494.7	MX	Mode: CW Date/time: 26-9-2009, 2154 UTC Remarks: Beacon "D" Contr: (MPJ)
8494.9	MX	Mode: CW Date/time: 26-9-2009, 2154 UTC Remarks: Beacon "S" Contr: (MPJ)
8495	MX	Mode: CW Date/time: 26-9-2009, 2154 UTC Remarks: Beacon "C" Contr: (MPJ)
8495.1	MX	Mode: CW Date/time: 26-9-2009, 2154 UTC Remarks: Beacon "A" Contr: (MPJ)
8588	XSL	Mode: 8PSK Date/time: 1-9-2009, 1845 UTC Remarks: Japanese Navy. Telemetry Contr: (FN)
8650	S06	Mode: AM Date/time: Fri 25-9-2009, 1230 UTC Remarks: 314-859/6=25514 Contr: (HFD)
8695	S06	Mode: AM Date/time: Fri 11-9-2009, 0610 UTC Remarks: 196 Contr: (HFD)
9040.0	V02a	Mode: AM Date/time: Wed 16-9-2009, 0900 UTC Remarks: SSYL atencion: 07651 21472 43441 weak Contr: (westli)
9040.0	V02a	Mode: AM Date/time: Wed 30-9-2009, 0900 UTC Remarks: SSYL atencion: 62821 25002 40612 Contr: (westli)
9040.0	V02a	Mode: AM Date/time: Wed 30-9-2009, 0900 UTC Remarks: A 62821 25002 40612 (YL/SS) Contr: (MS)
9060	M14	Mode: CW Date/time: 4-9-2009, 1900 UTC Remarks: 724 724 724 00000 Contr: (GD)
9063	SK01	Mode: RDFT Date/time: 29-9-2009, 0911 UTC Remarks: Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Wed 2-9-2009, 0800 UTC Remarks: 5f cut nums: 99441 60431 17181 Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 4-9-2009, 0800 UTC

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                Remarks: 5f cut nums:  84102 44881 38242  Contr: (westli)
9063.0    M08a  Mode: MCW  Date/time: Fri 4-9-2009, 0800 UTC
                Remarks: 84102 4881 38242  Contr: (BS3)
9063.0    M08a  Mode: MCW  Date/time: Fri 11-9-2009, 0800 UTC
                Remarks: 5f cut nums:  25531 55134 64331  Contr: (westli)
9063.0    M08a  Mode: MCW  Date/time: Wed 16-9-2009, 0800 UTC
                Remarks: 5f cut nums:      up late already passing msg.
                Contr: (westli)
9063.0    M08a  Mode: MCW  Date/time: Fri 18-9-2009, 0800 UTC
                Remarks: 5f cut nums:  31531 73821 04642  Contr: (westli)
9063.0    M08a  Mode: MCW  Date/time: Fri 18-9-2009, 0800 UTC
                Remarks: 31531 73821 04642  Contr: (MS)
9063.0    M08a  Mode: MCW  Date/time: Mon 21-9-2009, 0900 UTC
                Remarks: 5f cut nums: caught late, already in progress.
                Contr: (westli)
9063.0    M08a  Mode: MCW  Date/time: Fri 25-9-2009, 0800 UTC
                Remarks: 5f cut nums:  54052 30151 03062  Contr: (westli)
9063.0    SK01  Mode: AM  Date/time: Sat 5-9-2009, 0900 UTC
                Remarks: RDFT no decode  Contr: (BS3)
9063.0    SK01  Mode: AM  Date/time: Mon 7-9-2009, 0900 UTC
                Remarks: (RDFT)  Contr: (MS)
9063.0    SK01  Mode: AM  Date/time: Sat 26-9-2009, 0900 UTC
                Remarks: (RDFT)  Contr: (MS)
9063.0    SK01  Mode: AM  Date/time: Mon 28-9-2009, 0900 UTC
                Remarks: RDFT no decode  Contr: (BS3)
9063.0    SK01  Mode: AM  Date/time: Wed 30-9-2009, 0900 UTC
                Remarks: RDFT no decode  Contr: (BS3)
9063.0    SK01  Mode: AM  Date/time: Wed 30-9-2009, 0900 UTC
                Remarks: (RDFT)  Contr: (MS)
9063.0    V02a  Mode: AM  Date/time: Wed 2-9-2009, 0900 UTC
                Remarks: SSYL atencion:  24541 42201 71412  Contr: (westli)
9092      M12   Mode: CW  Date/time: Fri 11-9-2009, 0600 UTC
                Remarks: 992 1  Contr: (HFD)
9101      XPA   Mode: AM  Date/time: Tue 1-9-2009, 2000 UTC
                Remarks: msg  Contr: (HFD)
9112.0    M08a  Mode: MCW  Date/time: Tue 1-9-2009, 1000 UTC
                Remarks: 5f cut nums:  33712 84451 83001  Contr: (westli)
9112.0    M08a  Mode: MCW  Date/time: Fri 4-9-2009, 1000 UTC
                Remarks: 08551 60891 80432  Contr: (MS)
9112.0    M08a  Mode: MCW  Date/time: Fri 4-9-2009, 1000 UTC
                Remarks: TFC too weak to copy  Contr: (BS3)
9112.0    M08a  Mode: MCW  Date/time: Sun 6-9-2009, 1000 UTC
                Remarks: 24331 14051 70442  Contr: (MS)
9112.0    M08a  Mode: MCW  Date/time: Mon 7-9-2009, 1000 UTC
                Remarks: 26621 78232 44622  Contr: (MS)
9112.0    M08a  Mode: MCW  Date/time: Fri 11-9-2009, 1000 UTC
                Remarks: 5f cut nums:  21442 33611 68611  Contr: (westli)
9112.0    M08a  Mode: MCW  Date/time: Mon 14-9-2009, 1000 UTC
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		Remarks: 5f cut nums: 08051 ....2 36841 very weak Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 18-9-2009, 1000 UTC Remarks: 5f cut nums: weak with long deep fades. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 25-9-2009, 1000 UTC Remarks: (Strong carrier present, but no xmsn heard.) Contr: (MS)
9112.0	M08a	Mode: MCW Date/time: Sun 27-9-2009, 1000 UTC Remarks: 55871 42771 61801 Contr: (MS)
9112.0	M08a	Mode: MCW Date/time: Mon 28-9-2009, 1000 UTC Remarks: 20162 62851 42562 Contr: (BS3)
9120	S06	Mode: AM Date/time: Mon 14-9-2009, 2015 UTC Remarks: 961 0 Contr: (HFD)
9120	S06	Mode: AM Date/time: 28-9-2009, 2017 UTC Remarks: 961 00000 Contr: (MUK)
9137	E07a	Mode: AM Date/time: Thu 3-9-2009, 0510 UTC Remarks: 411 1-31691 Contr: (HFD)
9142	M12	Mode: CW Date/time: 7-9-2009, 0540 UTC Remarks: 891 1 317 63 24757 52579 etc Contr: (RiN)
9145	S06	Mode: AM Date/time: 21-9-2009, 1200 UTC Remarks: 831 946 946 5 5 Contr: (GD)
9153.0	M08a	Mode: MCW Date/time: Wed 2-9-2009, 0700 UTC Remarks: 5f cut nums: 99441 10101 85871 Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 4-9-2009, 0700 UTC Remarks: 5f cut nums: Up late already passing msg. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 11-9-2009, 0700 UTC Remarks: 5f cut nums: 25531 55134 64331 Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Wed 16-9-2009, 0700 UTC Remarks: 5f cut nums: up late already passing msg. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 18-9-2009, 0700 UTC Remarks: ..... 73821 04642 (Came up late at 0707z in first message.) Contr: (MS)
9167	XPA	Mode: AM Date/time: 8-9-2009, 1420 UTC Remarks: Starts msg 1422 ends at 1424 Contr: (GN2)
9169	M??	Mode: CW Date/time: 26-9-2009, 2218 UTC Remarks: Unid. In traffic: 43721 07394 16821 ... 05496 02496 (ends) 000 0 Contr: (MPJ)
9176	M12	Mode: CW Date/time: 21-9-2009, 1900 UTC Remarks: 257x3 1 2846 80 2846 80 Contr: (GD)
9220	S06	Mode: AM Date/time: Wed 2-9-2009, 1900 UTC Remarks: 371-904/5=54055 Contr: (HFD)
9220	S06	Mode: AM Date/time: Wed 23-9-2009, 1900 UTC Remarks: 371 444 444 20 20 Contr: (GD)
9220	S06a	Mode: AM Date/time: 23-9-2009, 1900 UTC Remarks: Most unusual message tonight from S06 slow (YL)

		with a stutter g Contr: (RiN)
9225	S06	Mode: AM Date/time: Thu 24-9-2009, 1000 UTC Remarks: 895 427 427 6 6 Contr: (GD)
9240.0	V02a	Mode: AM Date/time: Wed 2-9-2009, 1000 UTC Remarks: SSYL atencion: 24541 42201 71412 Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 5-9-2009, 1000 UTC Remarks: SSYL atencion: 52482 31021 18001 Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 12-9-2009, 1000 UTC Remarks: SSYL: caught late. Very weak. Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 26-9-2009, 1000 UTC Remarks: (Carrier present on time, but no transmission was heard.) Contr: (MS)
9240.0	V02a	Mode: AM Date/time: Wed 30-9-2009, 1000 UTC Remarks: A 62821 25002 40612 (YL/SS) (Strong carrier, but very weak xmsn.) Contr: (MS)
9255	S06	Mode: AM Date/time: Wed 16-9-2009, 0830 UTC Remarks: 471-268/5=00914 Contr: (HFD)
9324	M12	Mode: CW Date/time: Thu 3-9-2009, 0430 UTC Remarks: 134 0 Contr: (HFD)
9327	M12	Mode: CW Date/time: Thu 3-9-2009, 1840 UTC Remarks: 938 1 Contr: (HFD)
9356	XPA	Mode: AM Date/time: Tue 8-9-2009, 0600 UTC Remarks: msg Contr: (HFD)
9387	E07	Mode: AM Date/time: Thu 3-9-2009, 2010 UTC Remarks: 358 0 Contr: (HFD)
9387	E07	Mode: AM Date/time: 24-9-2009, 2010 UTC Remarks: 358 000 Contr: (MUK)
9387	E07	Mode: AM Date/time: 24-9-2009, 2010 UTC Remarks: 358 000 Contr: (MUK)
9480	S06	Mode: AM Date/time: Wed 30-9-2009, 0840 UTC Remarks: 328 0 Contr: (HFD)
9640	S06	Mode: AM Date/time: 9-9-2009, 0740 UTC Remarks: 745 745 745 00000 Contr: (GD)
9840	S06	Mode: AM Date/time: Tue 8-9-2009, 0810 UTC Remarks: 418 Contr: (HFD)
10116	E07	Mode: AM Date/time: Wed 2-9-2009, 1740 UTC Remarks: 201 0 Contr: (HFD)
10202	MX	Mode: CW Date/time: 1-9-2009, 1357 UTC Remarks: Channel marker "V" Contr: (BCI)
10267	XPA	Mode: AM Date/time: 8-9-2009, 1400 UTC Remarks: Idle tone till 1402 then into msg lasting approx 1 min Contr: (GN2)
10267	XPA	Mode: AM Date/time: Tue 22-9-2009, 1400 UTC Remarks: msg Contr: (HFD)
10382	M12	Mode: CW Date/time: 11-9-2009, 1944 UTC Remarks: 503 503 503 1 = 232 73 232 73 = and into 5FGs Contr: (MCO)
10420	S06	Mode: AM Date/time: Tue 8-9-2009, 0810 UTC

		Remarks: 352 Contr: (HFD)
10432.0	M08a	Mode: MCW Date/time: Tue 1-9-2009, 0900 UTC Remarks: 5f cut nums: 33712 84451 83001 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 4-9-2009, 0900 UTC Remarks: 08551 60841 87432 Contr: (BS3)
10432.0	M08a	Mode: MCW Date/time: Mon 7-9-2009, 0900 UTC Remarks: 26621 78232 44622 Contr: (MS)
10432.0	M08a	Mode: MCW Date/time: Fri 25-9-2009, 0900 UTC Remarks: 5f cut nums: 33432 17591 48002 Contr: (westli)
10445.0	M08a	Mode: CW Date/time: Thu 10-9-2009, 0300 UTC Remarks: 5f cut nums: 73712 98821 16241 weak Contr: (westli)
10445.0	M08a	Mode: CW Date/time: Thu 17-9-2009, 0300 UTC Remarks: 5f cut nums: 36561 42651 32741 Contr: (westli)
10551	M23	Mode: CW Date/time: 24-9-2009, 0704 UTC Remarks: 999 repeated Contr: (RiN)
10551	M23	Mode: CW Date/time: Fri 25-9-2009, 0700 UTC Remarks: 999 R10 Contr: (GD)
10592	M12	Mode: CW Date/time: Fri 11-9-2009, 0620 UTC Remarks: 992 1 Contr: (HFD)
10598	M12	Mode: CW Date/time: Thu 3-9-2009, 1820 UTC Remarks: 938 1 Contr: (HFD)
10598	M12	Mode: CW Date/time: Thu 24-9-2009, 1820 UTC Remarks: 938x3 1 1424 99 1424 99 Contr: (GD)
10648	E10	Mode: AM Date/time: 16-9-2009, 1330 UTC Remarks: YHF2 Contr: (MUK)
10648	E10	Mode: USB Date/time: 16-9-2009, 1833 UTC Remarks: YHF Gp 26 KSRAH SVDNK BSOEM EBRRB AXZIR ZTFBO XHWOF VVBAD QSFQO Contr: (MUK)
10714.0	M08a	Mode: CW Date/time: Wed 2-9-2009, 1300 UTC Remarks: 03262 81311 55802 Contr: (BS3)
10714.0	M08a	Mode: CW Date/time: Wed 23-9-2009, 1300 UTC Remarks: ..... 57531 72141 (Came in late. Already in progress.) Contr: (MS)
10714.0	M08a	Mode: CW Date/time: Wed 30-9-2009, 1300 UTC Remarks: 37181 75511 83171 Contr: (MS)
10715	SK01	Mode: RDFT Date/time: 29-9-2009, 1620 UTC Remarks: //16178 Contr: (westli)
10715	SK01	Mode: RDFT Date/time: 29-9-2009, 1625 UTC Remarks: //16178 Contr: (westli)
10715	SK01	Mode: RDFT Date/time: 29-9-2009, 1631 UTC Remarks: //16178 Contr: (westli)
10715	SK01	Mode: RDFT Date/time: 29-9-2009, 1636 UTC Remarks: //16178 Contr: (westli)
10715	SK01	Mode: RDFT Date/time: 29-9-2009, 1641 UTC Remarks: //16178 Contr: (westli)
10715	SK01	Mode: RDFT Date/time: 29-9-2009, 1646 UTC Remarks: //16178 Contr: (westli)

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10715.0    SK01    Mode: AM  Date/time: Mon 14-9-2009, 1600 UTC
                   Remarks: (RDFT)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Tue 15-9-2009, 1600 UTC
                   Remarks: (RDFT)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Wed 16-9-2009, 1600 UTC
                   Remarks: (RDFT)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Thu 17-9-2009, 1600 UTC
                   Remarks: (RDFT, Weak signal.)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Fri 18-9-2009, 1605 UTC
                   Remarks: (RDFT. Very weak signal.)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Mon 21-9-2009, 1600 UTC
                   Remarks: (RDFT)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Fri 25-9-2009, 1600 UTC
                   Remarks: (RDFT)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Sun 27-9-2009, 1600 UTC
                   Remarks: (RDFT)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Mon 28-9-2009, 1600 UTC
                   Remarks: RDFT File 56157788.txt 1024 bytes  Contr: (BS3)
10715.0    SK01    Mode: AM  Date/time: Mon 28-9-2009, 1600 UTC
                   Remarks: (RDFT)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Tue 29-9-2009, 1600 UTC
                   Remarks: (RDFT)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Tue 29-9-2009, 1600 UTC
                   Remarks: RDFT File 52667283.txt 1024 bytes  Contr: (BS3)
10715.0    SK01    Mode: AM  Date/time: Wed 30-9-2009, 1600 UTC
                   Remarks: (RDFT at 1620z.)  Contr: (MS)
10715.0    SK01    Mode: AM  Date/time: Wed 30-9-2009, 1600 UTC
                   Remarks: RDFT File 75282314.txt 1024 bytes (Totaly
                   different msg than on 16178k)  Contr: (BS3)
10835      S06     Mode: AM  Date/time: Wed 16-9-2009, 0530 UTC
                   Remarks: 153-240/6=21735  Contr: (HFD)
10857.0    M08a    Mode: CW  Date/time: Wed 2-9-2009, 1400 UTC
                   Remarks: 03262 81311 55802  Contr: (BS3)
10857.0    M08a    Mode: CW  Date/time: Wed 30-9-2009, 1400 UTC
                   Remarks: 37181 75511 83171  Contr: (MS)
10871.7    MX      Mode: CW  Date/time:  16-9-2009, 1400 UTC
                   Remarks: Beacon "D"  Contr: (MUK)
10871.9    MX      Mode: CW  Date/time:  16-9-2009, 1400 UTC
                   Remarks: Beacon "S"  Contr: (MUK)
10872      MX      Mode: CW  Date/time:  16-9-2009, 1400 UTC
                   Remarks: Beacon "C"  Contr: (MUK)
10872.1    MX      Mode: CW  Date/time:  16-9-2009, 1400 UTC
                   Remarks: Beacon "A"  Contr: (MUK)
10916      M23     Mode: CW  Date/time:  12-9-2009, 1600 UTC
                   Remarks: 555 (R10)  Contr: (JPL-AUS)
10916      M23     Mode: CW  Date/time:  13-9-2009, 1603 UTC
                   Remarks: 555 (In Progress)  Contr: (JPL-AUS)
10916      M23     Mode: CW  Date/time:  14-9-2009, 1600 UTC
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                Remarks: 555 (R10)  Contr: (JPL-AUS)
10916      M23  Mode: CW  Date/time:  18-9-2009, 1600 UTC
                Remarks: 666 (R10)  Contr: (JPL-HK)
10916      M23  Mode: CW  Date/time:  21-9-2009, 1600 UTC
                Remarks: 666 R10  Contr: (GD)
10916      M23  Mode: CW  Date/time: Wed 23-9-2009, 1600 UTC
                Remarks: 666 R10  Contr: (GD)
10916      M23  Mode: CW  Date/time:  23-9-2009, 1600 UTC
                Remarks: 666 (R10)  Contr: (JPL)
10916      M23  Mode: CW  Date/time: Thu 24-9-2009, 1600 UTC
                Remarks: 666 R10  Contr: (GD)
10950      S06  Mode: AM  Date/time: Thu 17-9-2009, 0900 UTC
                Remarks: 167  Contr: (HFD)
10956      XPA  Mode: AM  Date/time: Tue 8-9-2009, 0620 UTC
                Remarks: msg  Contr: (HFD)
11040      S06  Mode: AM  Date/time: Wed 30-9-2009, 0850 UTC
                Remarks: 328 0  Contr: (HFD)
11062      E07  Mode: AM  Date/time: Wed 2-9-2009, 1720 UTC
                Remarks: 201 0  Contr: (HFD)
11435      M12  Mode: CW  Date/time: Thu 3-9-2009, 1800 UTC
                Remarks: 938 1  Contr: (HFD)
11435      SK01 Mode: RDFT  Date/time:  29-9-2009, 1731 UTC
                Remarks:   Contr: (westli)
11435      SK01 Mode: RDFT  Date/time:  29-9-2009, 1736 UTC
                Remarks:   Contr: (westli)
11435      SK01 Mode: RDFT  Date/time:  29-9-2009, 1741 UTC
                Remarks:   Contr: (westli)
11435      SK01 Mode: RDFT  Date/time:  29-9-2009, 1746 UTC
                Remarks:   Contr: (westli)
11435.0    M08a Mode: MCW  Date/time: Mon 21-9-2009, 1800 UTC
                Remarks: 5f cut nums:  18262 51851 82102  up at 1758z
                Contr: (westli)
11435.0    SK01 Mode: AM  Date/time: Wed 2-9-2009, 0600 UTC
                Remarks: RDFT File 49263851.txt 971 bytes  Contr: (BS3)
11435.0    SK01 Mode: AM  Date/time: Sat 5-9-2009, 0600 UTC
                Remarks: RDFT File 49263851.txt 971 bytes  Contr: (BS3)
11435.0    SK01 Mode: AM  Date/time: Fri 11-9-2009, 1713 UTC
                Remarks: (RDFT)  Contr: (MS)
11435.0    SK01 Mode: AM  Date/time: Sat 12-9-2009, 1700 UTC
                Remarks: (RDFT)  Contr: (MS)
11435.0    SK01 Mode: AM  Date/time: Sun 13-9-2009, 1700 UTC
                Remarks: (RDFT)  Contr: (MS)
11435.0    SK01 Mode: AM  Date/time: Mon 14-9-2009, 1700 UTC
                Remarks: (RDFT)  Contr: (MS)
11435.0    SK01 Mode: AM  Date/time: Tue 15-9-2009, 1700 UTC
                Remarks: (RDFT)  Contr: (MS)
11435.0    SK01 Mode: AM  Date/time: Wed 16-9-2009, 1700 UTC
                Remarks: (RDFT)  Contr: (MS)
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11435.0 SK01 Mode: AM Date/time: Thu 17-9-2009, 1700 UTC
Remarks: (RDFT) Contr: (MS)
11435.0 SK01 Mode: AM Date/time: Fri 18-9-2009, 1700 UTC
Remarks: (RDFT. Very weak signal.) Contr: (MS)
11435.0 SK01 Mode: AM Date/time: Mon 21-9-2009, 1700 UTC
Remarks: (RDFT) Contr: (MS)
11435.0 SK01 Mode: AM Date/time: Tue 22-9-2009, 1700 UTC
Remarks: (RDFT) Contr: (MS)
11435.0 SK01 Mode: AM Date/time: Thu 24-9-2009, 1700 UTC
Remarks: (RDFT) (Very weak signal.) Contr: (MS)
11435.0 SK01 Mode: AM Date/time: Fri 25-9-2009, 1700 UTC
Remarks: (RDFT) Contr: (MS)
11435.0 SK01 Mode: AM Date/time: Sun 27-9-2009, 1700 UTC
Remarks: (RDFT) Contr: (MS)
11435.0 SK01 Mode: AM Date/time: Mon 28-9-2009, 0600 UTC
Remarks: RDFT no decode Contr: (BS3)
11435.0 SK01 Mode: AM Date/time: Mon 28-9-2009, 1700 UTC
Remarks: RDFT File 56157788.txt 1024 bytes Contr: (BS3)
11435.0 SK01 Mode: AM Date/time: Mon 28-9-2009, 1700 UTC
Remarks: (RDFT) Contr: (MS)
11435.0 SK01 Mode: AM Date/time: Tue 29-9-2009, 1700 UTC
Remarks: (RDFT) Contr: (MS)
11435.0 SK01 Mode: AM Date/time: Wed 30-9-2009, 0600 UTC
Remarks: RDFT no decode very weak Contr: (BS3)
11435.0 SK01 Mode: AM Date/time: Wed 30-9-2009, 1700 UTC
Remarks: (RDFT at 1725z.) Contr: (MS)
11476 M42 Mode: Baudot 200/500 Date/time: 17-9-2009, 1632 UTC
Remarks: Russian Gov/Intel. "00000++++++++++162)5761"
Contr: (BCI)
11532.0 SK01 Mode: AM Date/time: Wed 2-9-2009, 0600 UTC
Remarks: RDFT no decode Contr: (BS3)
11532.0 SK01 Mode: AM Date/time: Sat 5-9-2009, 0630 UTC
Remarks: RDFT File 49263851.txt 971 bytes Contr: (BS3)
11532.0 SK01 Mode: AM Date/time: Mon 28-9-2009, 0630 UTC
Remarks: RDFT no decode Contr: (BS3)
11557 S06 Mode: AM Date/time: 9-9-2009, 0750 UTC
Remarks: 745 745 745 00000 Contr: (GD)
11565.0 M08a Mode: AM Date/time: Thu 3-9-2009, 0400 UTC
Remarks: Heavy QRN Contr: (RCh)
11635 S06 Mode: AM Date/time: Tue 8-9-2009, 0800 UTC
Remarks: 352-810/#=##### Contr: (HFD)
11830 S06 Mode: AM Date/time: 16-9-2009, 0740 UTC
Remarks: 745 980 980 6 6 Contr: (MUK)
11856 M51 Mode: CW Date/time: 3-9-2009, 1545 UTC
Remarks: NR 19 S 03 17:56:40 1987 BT WHXFX TVWHF
BCVGO CMQMP ... Contr: (BCI)
12082 M12 Mode: CW Date/time: Thu 3-9-2009, 1920 UTC
Remarks: 503 0 Contr: (HFD)

12092	M12	Mode: CW Date/time: Fri 11-9-2009, 0640 UTC Remarks: 992 1 Contr: (HFD)
12108	E07	Mode: AM Date/time: 28-9-2009, 1900 UTC Remarks: 172 000 Contr: (MUK)
12114.0	M08a	Mode: CW Date/time: Fri 4-9-2009, 1300 UTC Remarks: 11851 26611 16262 Contr: (BS3)
12116.0	M08a	Mode: CW Date/time: Thu 3-9-2009, 1300 UTC Remarks: 50121 45641 58751 Contr: (BS3)
12116.0	M08a	Mode: CW Date/time: Thu 10-9-2009, 1300 UTC Remarks: (Too weak for copy.) Contr: (MS)
12116.0	M08a	Mode: CW Date/time: Mon 28-9-2009, 1300 UTC Remarks: 88152 57051 82661 Contr: (BS3)
12116.0	M08a	Mode: CW Date/time: Mon 28-9-2009, 1300 UTC Remarks: 88152 57051 82661 (Very weak signal.) Contr: (MS)
12120.0	SK01	Mode: AM Date/time: Tue 1-9-2009, 0500 UTC Remarks: RDFT no decode Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Wed 2-9-2009, 0500 UTC Remarks: RDFT File 49263851.txt 971 bytes Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Thu 3-9-2009, 0500 UTC Remarks: RDFT File 49263851.txt 971 bytes Contr: (BS3)
12120.0	SK01	Mode: USB Date/time: Thu 3-9-2009, 0500 UTC Remarks: Contr: (RCh)
12120.0	SK01	Mode: AM Date/time: Fri 4-9-2009, 0500 UTC Remarks: RDFT no decode Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Mon 28-9-2009, 0500 UTC Remarks: RDFT no decode Contr: (BS3)
12120.0	SK01	Mode: AM Date/time: Wed 30-9-2009, 0500 UTC Remarks: RDFT File 49413787.txt 1229 bytes Contr: (BS3)
12134.0	M08a	Mode: CW Date/time: Thu 3-9-2009, 1400 UTC Remarks: 50121 45641 58751 Contr: (BS3)
12134.0	M08a	Mode: CW Date/time: Mon 7-9-2009, 1400 UTC Remarks: 5f cut nums: 42882 .... caught at beginning of first msg. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 14-9-2009, 1400 UTC Remarks: 5f cut nums: ....52 caught late Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 17-9-2009, 1400 UTC Remarks: 5f cut nums: 45482 80552 65832 Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 28-9-2009, 1400 UTC Remarks: 88152 57051 82661 Contr: (BS3)
12134.0	M08a	Mode: CW Date/time: Mon 28-9-2009, 1400 UTC Remarks: 88152 57051 82661 (Very weak signal.) Contr: (MS)
12140	S06	Mode: AM Date/time: Fri 11-9-2009, 0930 UTC Remarks: 516-920/7=40515 Contr: (HFD)
12155	M42	Mode: 150bd 4-FSK Date/time: 2-9-2009, 0832 UTC Remarks: Russian Mil / Intel. Auto broadcast to unid

		recipient. Transmitt Contr: (LDO)
12156	XPA	Mode: AM Date/time: Tue 8-9-2009, 0640 UTC
		Remarks: msg Contr: (HFD)
12170	S06	Mode: AM Date/time: Wed 16-9-2009, 0540 UTC
		Remarks: 153 Contr: (HFD)
12214.0	M08a	Mode: CW Date/time: Tue 1-9-2009, 1300 UTC
		Remarks: 16841 42751 74721 Contr: (BS3)
12216.0	M08a	Mode: CW Date/time: Fri 18-9-2009, 1300 UTC
		Remarks: (Too weak for copy.) Contr: (MS)
12223	E07	Mode: AM Date/time: Wed 2-9-2009, 1700 UTC
		Remarks: 201 0 Contr: (HFD)
12223	E07	Mode: AM Date/time: Wed 23-9-2009, 1700 UTC
		Remarks: 201x3 000 Contr: (GD)
12224	X06	Mode: AM Date/time: 7-9-2009, 1617 UTC
		Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
12224	X06	Mode: AM Date/time: 18-9-2009, 0800 UTC
		Remarks: Mazielka. Sequence: 463125 Contr: (JS3)
12310	S06	Mode: AM Date/time: Thu 17-9-2009, 0910 UTC
		Remarks: 167-489/5=54145 Contr: (HFD)
12310	S06	Mode: AM Date/time: Thu 24-9-2009, 0910 UTC
		Remarks: 167 489 489 5 5 Contr: (GD)
12560	S06	Mode: AM Date/time: Thu 24-9-2009, 1200 UTC
		Remarks: 425 839 839 5 5 Contr: (GD)
12560	S06	Mode: AM Date/time: Fri 25-9-2009, 1200 UTC
		Remarks: 425-839/6=10146 Contr: (HFD)
12930	E17z	Mode: USB Date/time: Thu 17-9-2009, 0810 UTC
		Remarks: 674 Contr: (HFD)
13065	S06	Mode: AM Date/time: Fri 25-9-2009, 1210 UTC
		Remarks: 12 07 "425" 12 10 425 Contr: (HFD)
13365	S06	Mode: AM Date/time: 9-9-2009, 1000 UTC
		Remarks: 729 413 413 5 5 Contr: (GD)
13365	S06	Mode: AM Date/time: Wed 30-9-2009, 1000 UTC
		Remarks: 729 0 Contr: (HFD)
13374.0	M08a	Mode: CW Date/time: Tue 1-9-2009, 1400 UTC
		Remarks: 16841 42751 74721 Contr: (BS3)
13374.0	M08a	Mode: CW Date/time: Fri 4-9-2009, 1400 UTC
		Remarks: 11851 26611 16262 Contr: (BS3)
13374.0	M08a	Mode: CW Date/time: Tue 8-9-2009, 1400 UTC
		Remarks: (Too weak for copy.) Contr: (MS)
13374.0	M08a	Mode: CW Date/time: Tue 15-9-2009, 1400 UTC
		Remarks: (Too weak for copy.) Contr: (MS)
13374.0	M08a	Mode: CW Date/time: Fri 18-9-2009, 1400 UTC
		Remarks: (Too weak for copy.) Contr: (MS)
13380.0	M08a	Mode: CW Date/time: Thu 17-9-2009, 2000 UTC
		Remarks: (Too weak for copy.) Contr: (MS)
13380.0	SK01	Mode: AM Date/time: Tue 1-9-2009, 0530 UTC
		Remarks: RDFT no decode Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Wed 2-9-2009, 0530 UTC

		Remarks: RDFT no decode Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Thu 3-9-2009, 0530 UTC
		Remarks: RDFT File 49607244.txt Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Fri 4-9-2009, 0530 UTC
		Remarks: RDFT no decode Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Mon 28-9-2009, 0530 UTC
		Remarks: RDFT no decode Contr: (BS3)
13380.0	SK01	Mode: AM Date/time: Tue 29-9-2009, 0530 UTC
		Remarks: RDFT no decode Contr: (BS3)
13383	M52	Mode: 150bd 4-FSK Date/time: 2-9-2009, 0832 UTC
		Remarks: Russian Mil / Intel. Auto broadcast to unid recipient. Transmitt Contr: (LDO)
13515	S06	Mode: AM Date/time: Fri 11-9-2009, 0940 UTC
		Remarks: 516 Contr: (HFD)
13517	X06	Mode: AM Date/time: 7-9-2009, 1620 UTC
		Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
13582	M12	Mode: CW Date/time: Thu 3-9-2009, 1900 UTC
		Remarks: 503 0 Contr: (HFD)
13908	E11a	Mode: USB Date/time: 1-9-2009, 1850 UTC
		Remarks: 646/23 etc. Contr: (GD)
13908	E11a	Mode: USB Date/time: Tue 1-9-2009, 1850 UTC
		Remarks: 646/23 Contr: (HFD)
13908	E11a	Mode: USB Date/time: 2-9-2009, 1850 UTC
		Remarks: 641/27 etc. Contr: (GD)
13908	E11a	Mode: USB Date/time: 5-9-2009, 1850 UTC
		Remarks: 644/20 etc. Contr: (GD)
13908	E11a	Mode: USB Date/time: 6-9-2009, 1850 UTC
		Remarks: 649/31 etc. Contr: (GD)
13908	E11a	Mode: USB Date/time: 7-9-2009, 1850 UTC
		Remarks: 642/25 etc. Contr: (GD)
13908	E11a	Mode: USB Date/time: 8-9-2009, 1850 UTC
		Remarks: 645/27 etc. Contr: (GD)
13908	E11a	Mode: USB Date/time: 9-9-2009, 1850 UTC
		Remarks: 646/23 etc Contr: (GD)
13908	E11a	Mode: USB Date/time: 10-9-2009, 1850 UTC
		Remarks: 645/31 etc Contr: (GD)
13908	E11a	Mode: USB Date/time: 11-9-2009, 1850 UTC
		Remarks: 640/20 etc Contr: (GD)
13908	E11a	Mode: USB Date/time: 12-9-2009, 1850 UTC
		Remarks: 647/31 etc Contr: (GD)
13908	E11a	Mode: USB Date/time: 14-9-2009, 1850 UTC
		Remarks: 643/28 etc Contr: (GD)
13908	E11a	Mode: USB Date/time: 15-9-2009, 1850 UTC
		Remarks: 649/30 Contr: (MUK)
13908	E11a	Mode: USB Date/time: 16-9-2009, 1850 UTC
		Remarks: 642/21 etc Contr: (GD)
13908	E11a	Mode: USB Date/time: 17-9-2009, 1850 UTC
		Remarks: 640/23 Contr: (GD)

13908 E11a Mode: USB Date/time: 18-9-2009, 1850 UTC
Remarks: 641/26 or 641/28 Contr: (GD)
13908 E11a Mode: USB Date/time: 20-9-2009, 1850 UTC
Remarks: 641/2? Contr: (GD)
13908 E11a Mode: USB Date/time: 21-9-2009, 1850 UTC
Remarks: 642/25 Contr: (GD)
13908 E11a Mode: USB Date/time: Wed 23-9-2009, 1850 UTC
Remarks: 648/25 Contr: (GD)
13908 E11a Mode: USB Date/time: Fri 25-9-2009, 1850 UTC
Remarks: 644/21 Contr: (GD)
14000 E10 Mode: AM Date/time: 24-8-2009, 1554 UTC
Remarks: EZI2 Contr: (IARUMS)
14000 E10 Mode: AM Date/time: 29-8-2009, 1310 UTC
Remarks: in progress Contr: (IARUMS)
14000 E10 Mode: AM Date/time: 29-8-2009, 1824 UTC
Remarks: YHF2 Contr: (IARUMS)
14000 E10 Mode: AM Date/time: 31-8-2009, 0801 UTC
Remarks: PCD2 Contr: (IARUMS)
14050 S06 Mode: AM Date/time: 13-8-2009, UTC
Remarks: 495 00000 Contr:
14260 E17z Mode: USB Date/time: Thu 17-9-2009, 0800 UTC
Remarks: 674 Contr: (HFD)
14260 E17z Mode: USB Date/time: Thu 24-9-2009, 0800 UTC
Remarks: 674 923 923 5 5 Contr: (GD)
14505 S06 Mode: AM Date/time: 9-9-2009, 1010 UTC
Remarks: 729 413 413 5 5 Contr: (GD)
14505 S06 Mode: AM Date/time: Wed 30-9-2009, 1010 UTC
Remarks: 729 0 Contr: (HFD)
14570 X06 Mode: AM Date/time: 18-9-2009, 0817 UTC
Remarks: Mazielka. Sequence: 325614 Contr: (JS3)
14823.5 M42 Mode: Crowd-36 Date/time: 15-9-2009, 1602 UTC
Remarks: DOSC. "11177 60069 27125 36733" Contr: (BCI)
14833 E06 Mode: AM Date/time: 18-9-2009, 0600 UTC
Remarks: 354 796 125 44845.....23838 796 125 00000
Contr: (y255)
14871 X06 Mode: AM Date/time: 10-9-2009, 1822 UTC
Remarks: Mazielka. Sequence: 156234 Contr: (Dan)
14871 X06 Mode: AM Date/time: 17-9-2009, 1426 UTC
Remarks: Mazielka. Sequence: 156234 Contr: (Dan)
14871 X06 Mode: AM Date/time: 19-9-2009, 1446 UTC
Remarks: Mazielka. Sequence: 156234 Contr: (Dan)
14917.5 M42 Mode: Crowd-36 Date/time: 16-9-2009, 1702 UTC
Remarks: DOSC Contr: (BCI)
16025 X06 Mode: AM Date/time: 12-9-2009, 0800 UTC
Remarks: Mazielka Contr: (GN2)
16178 SK01 Mode: RDFT Date/time: 29-9-2009, 1605 UTC
Remarks: Contr: (westli)
16178 SK01 Mode: RDFT Date/time: 29-9-2009, 1611 UTC

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                Remarks:   Contr: (westli)
16178      SK01    Mode: RDFT  Date/time:  29-9-2009, 1615 UTC
                Remarks:   Contr: (westli)
16178      SK01    Mode: RDFT  Date/time:  29-9-2009, 1615 UTC
                Remarks:   Contr: (westli)
16178      SK01    Mode: RDFT  Date/time:  29-9-2009, 1620 UTC
                Remarks:   Contr: (westli)
16178      SK01    Mode: RDFT  Date/time:  29-9-2009, 1625 UTC
                Remarks:   Contr: (westli)
16178      SK01    Mode: RDFT  Date/time:  29-9-2009, 1631 UTC
                Remarks: //10715  Contr: (westli)
16178      SK01    Mode: RDFT  Date/time:  29-9-2009, 1636 UTC
                Remarks: //10715  Contr: (westli)
16178      SK01    Mode: RDFT  Date/time:  29-9-2009, 1641 UTC
                Remarks: //10715  Contr: (westli)
16178      SK01    Mode: RDFT  Date/time:  29-9-2009, 1646 UTC
                Remarks: //10715  Contr: (westli)
16178.0    SK01    Mode: AM  Date/time: Wed 2-9-2009, 1600 UTC
                Remarks: RDFT File 13431461.txt 1024 bytes  Contr: (BS3)
16178.0    SK01    Mode: AM  Date/time: Thu 3-9-2009, 1600 UTC
                Remarks: RDFT File 72546553.txt 1024 bytes  Contr: (BS3)
16178.0    SK01    Mode: AM  Date/time: Fri 4-9-2009, 1600 UTC
                Remarks: RDFT File 72546553.txt 1024 bytes  Contr: (BS3)
16178.0    SK01    Mode: AM  Date/time: Fri 4-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Mon 7-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Wed 9-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Thu 10-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Fri 11-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Mon 14-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Tue 15-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Wed 16-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Thu 17-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Fri 18-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Mon 21-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Thu 24-9-2009, 1600 UTC
                Remarks: (RDFT)  Contr: (MS)
16178.0    SK01    Mode: AM  Date/time: Fri 25-9-2009, 1600 UTC
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                  Remarks: (RDFT)  Contr: (MS)
16178.0    SK01   Mode: AM  Date/time: Mon 28-9-2009, 1600 UTC
                  Remarks: (RDFT)  Contr: (MS)
16178.0    SK01   Mode: AM  Date/time: Mon 28-9-2009, 1600 UTC
                  Remarks: RDFT File 52667283.txt 1024 bytes  Contr: (BS3)
16178.0    SK01   Mode: AM  Date/time: Tue 29-9-2009, 1600 UTC
                  Remarks: RDFT File 78152764.txt 1024 bytes  Contr: (BS3)
16178.0    SK01   Mode: AM  Date/time: Tue 29-9-2009, 1600 UTC
                  Remarks: (RDFT)  Contr: (MS)
16178.0    SK01   Mode: AM  Date/time: Wed 30-9-2009, 1600 UTC
                  Remarks: RDFT File 75282314.txt 1024 bytes  Contr: (BS3)
16178.0    SK01   Mode: AM  Date/time: Wed 30-9-2009, 1600 UTC
                  Remarks: (RDFT at 1620z.)  Contr: (MS)
16276      M42    Mode: CROWD-36  Date/time:  28-9-2009, 0814 UTC
                  Remarks: Russian Gov/Intel  Contr: (Imp)
16309      M42    Mode: FSK 200/1000  Date/time:  20-9-2009, 1234 UTC
                  Remarks: Russian INTEL. Repetitive pattern tfc after long
                  carrier (no dec  Contr: (linkz)
16331.7    MXI    Mode: CW  Date/time:  16-9-2009, 1800 UTC
                  Remarks: Beacon "D"  Contr: (MUK)
16525      E03a   Mode: USB  Date/time:  16-9-2009, 0500 UTC
                  Remarks: Cherry Ripe  Contr: (EW)
16525      E03a   Mode: USB  Date/time:  24-9-2009, 0505 UTC
                  Remarks: Cherry Ripe  Contr: (EW)
16525      E03a   Mode: USB  Date/time:  25-9-2009, 0530 UTC
                  Remarks: Cherry Ripe  Contr: (EW)
17003.5    M42    Mode: Crowd36  Date/time:  8-9-2009, 0620 UTC
                  Remarks: DOSC. All encrypted text.  Contr: (EW)
18238.5    M42    Mode: CROWD36  Date/time:  3-9-2009, 0901 UTC
                  Remarks: DOSC. "11177 30099 78987 00865"  Contr: (BCI)
18465      E03a   Mode: USB  Date/time:  24-9-2009, 0505 UTC
                  Remarks: Cherry Ripe  Contr: (EW)
18465      E03a   Mode: USB  Date/time:  25-9-2009, 0530 UTC
                  Remarks: Cherry Ripe  Contr: (EW)
18864      E03a   Mode: USB  Date/time:  22-9-2009, 1328 UTC
                  Remarks: Cherry Ripe  Contr: (ML)
18864      E03a   Mode: USB  Date/time: Wed 23-9-2009, 1200 UTC
                  Remarks: 78609  Contr: (GD)
18864.0    E03a   Mode: USB  Date/time: Mon 28-9-2009, 1220 UTC
                  Remarks: In progress, missed start. Unheard on 23461
                  Contr: (AnHK)
21866      E03a   Mode: USB  Date/time:  22-9-2009, 1328 UTC
                  Remarks: Cherry Ripe  Contr: (ML)

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* CONTRIBUTORS *
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AB	Ary Boender
AgBr	Agressor, Brazil
ALF	Alf, Germany
AnHK	Anonymous, Hong Kong
BCI	Bruno Casula, Italy
BS3	Barry Sandefer, TN, USA
BvR	Bert van Rij
CU	Centrepoint, UK
Dan	Daniel
DM	Dan Malloy, MA, USA
EW	Eddy Waters, Australia
FMB	FMB, Germany
FN	Fritz Nusser, Switzerland
GD	GD via Enigma 2000
GN2	Gary Neville
IARUMS	IARU Monitoring Service
Imp	Impaler
Jon-FL	Jon, FL, USA
JPL-AUS	JPL, Global Tuners, Australia
JPL-HK	JPL, Global Tuners, Hong Kong
JPL-NL	JPL, Global Tuners Breda, Netherlands
JS3	Jochen Schaefer, Germany
KK2	Kristian K, Central Europe
LDO	Leif Dehio, Germany
linkz	Linkz, S.E. France
MCO	Mike Chace-Ortiz, PA, USA
ML	ML
MPJ	Jim, SW England
MS	Mark Slaten, MI, USA
MUK	Mikesndbs, UK
PoRus	Poacher, Russia
RCh	Robert Church, NY, USA
RFP	Rfprobe
RiN	Richard Ness, UK
SGC	Simon, NE UK
TJ	Trond Jacobsen, Norway
TLA	Trooper, Los Angeles, CA, USA
Token	Token, CA, USA
Westli	Westli, CA, USA
WP3	Wolfgang Palmberger
y255	udxf_y255

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